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IDENTIFIERS	*AGRICOLA

ABSTRACT

This bibliography contains 214 entries related to rural education. The entries were derived from the AGRICOLA database produced by the National Agricultural Library and include journal articles, extension bulletins, books, conference papers, and government reports. Entries cover topics such as agricultural education, adult education, colleges, community education, educational policy, rural education, educational programs, educational reform, distance education, special education, rural areas, public schools, and rural development. Each entry includes title, author, publisher, publication date, journal or conference information (where appropriate), language, descriptors, and the National Agricultural Library call number. Some entries contain an abstract. Also included are indexes by author and subject and information about interlibrary loan from the National Agricultural Library. (LP)

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Rural Education

January 1984 - May 1994

QB 94-46

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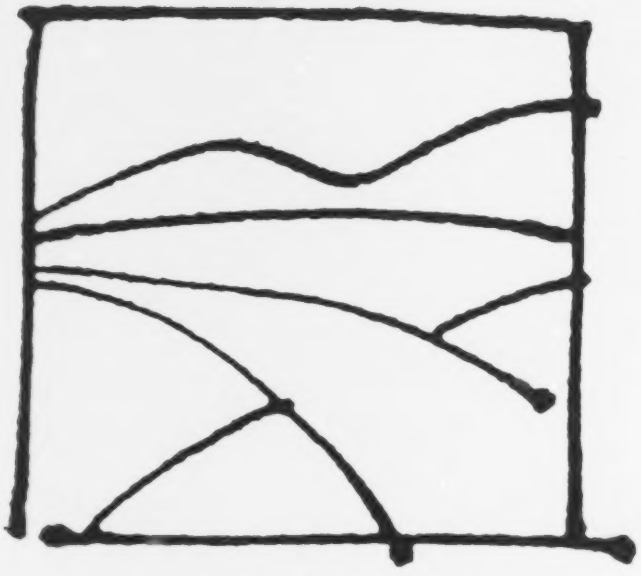

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214 citations in English from AGRICOLA

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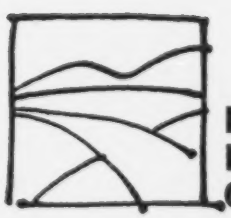

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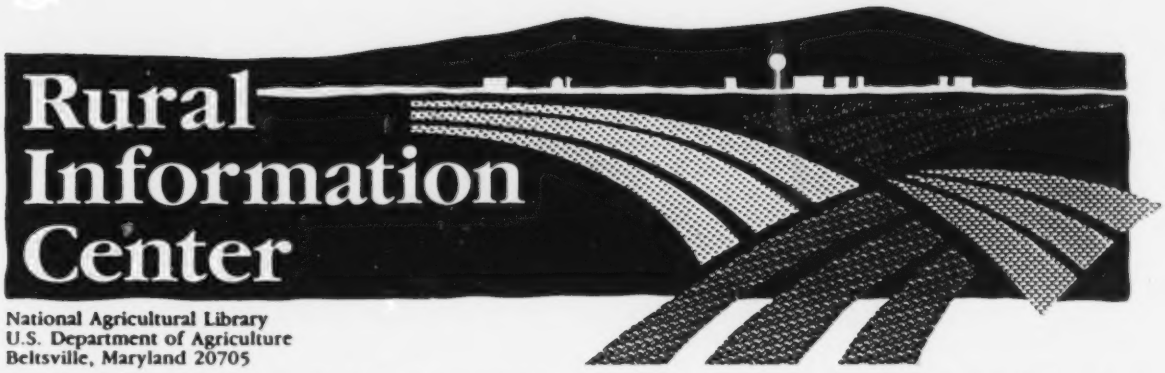

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DeJong, R. Comparison of two soil-water models under semi-arid growing conditions
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NAL CA: 56.8 C162

Auth: C. Johnson CCL Maxcost: $15.00

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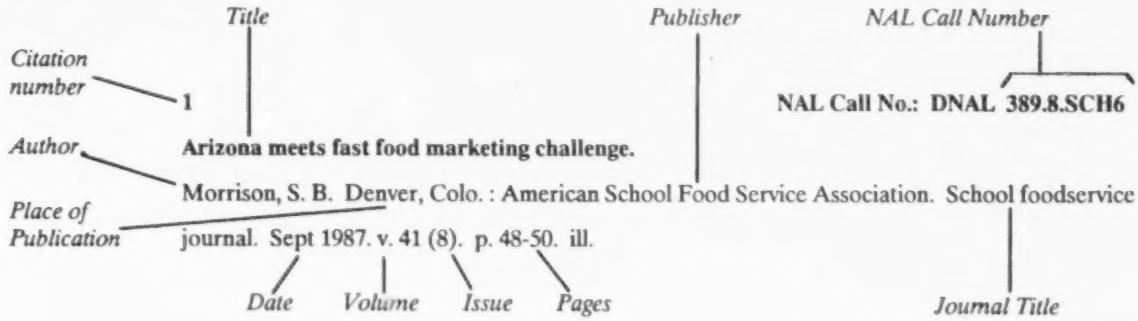
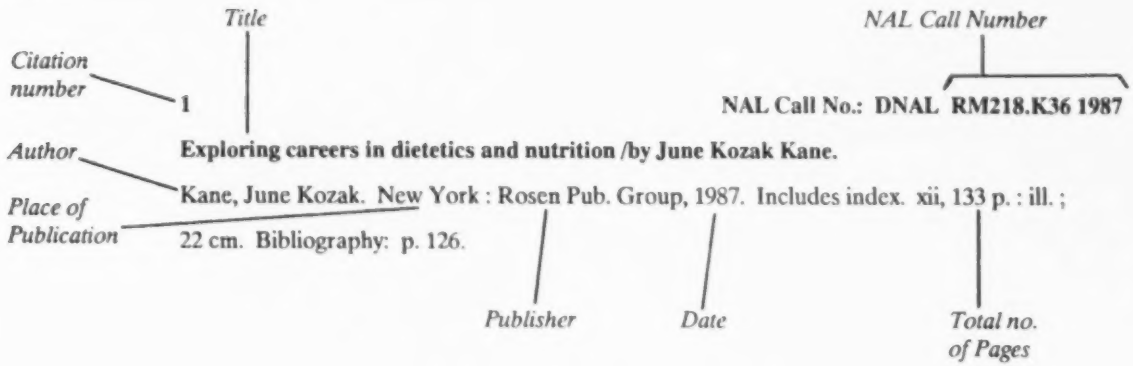
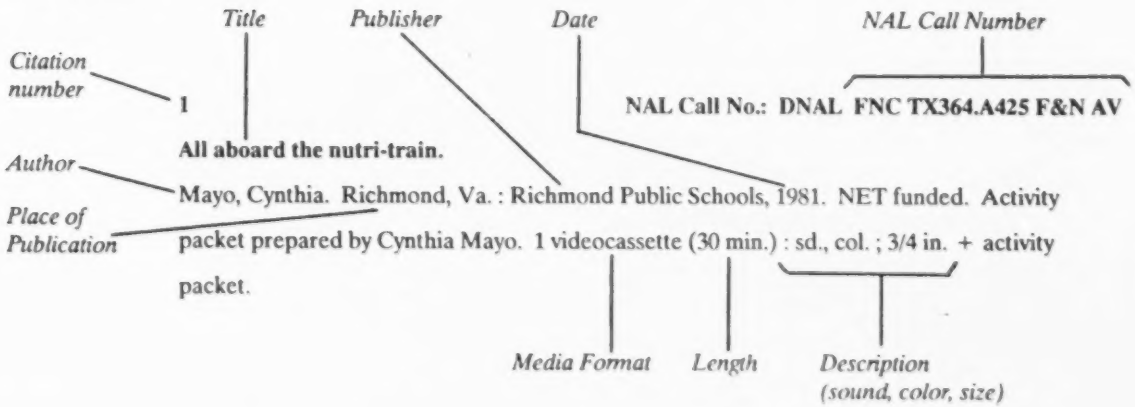


Book:


Title
NAL Call Number
Citation number
1
NAL Call No.: DNAL RM218.K36 1987
Author
Exploring careers in dietetics and nutrition /by June Kozak Kane.
Kane, June Kozak. New York : Rosen Pub. Group, 1987. Includes index. xii, 133 p. : ill. ;
Place of Publication
22 cm. Bibliography: p. 126.
Publisher
Date
Total no. of Pages

Audiovisual:



RURAL EDUCATION

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3. ss (educat? or vocation? or school? or teach? or instruc? or secondary or postsecondary or colleg?)/ ti,eng
4. ss s1 and s2 and s3
5. ss (s4 not nutrition()educat? not agricultural()educat? not extension()educat?)/ti,de,eng
6. ss ((distance) (1n) (educat? or learn? or teach?))/ti,de,eng
7. ss ((py = 1984:1987) or (py = 1988:1994))
8. ss s7 and (s5 or s6)

Rural Education

1 NAL Call No: 30.98 AG8
The 1890 land-grant colleges and universities: a centennial overview.
Rasmussen, W.D.
Berkeley, Calif. : University of California Press.
Agricultural history v. 65 (2): p. 168-172; 1991. Paper presented at the "1890 Land-Grant Centennial Symposium," June 26-29, 1990, Florida Agricultural and Mechanical University, Tallahassee, Florida.

Language: English

Descriptors: U.S.A.; Colleges; Universities; Agricultural education; Blacks; Conferences; Economic situation; Funds; Higher education; Rural areas; Teacher training; Usda

2 NAL Call No: S530.A4
The academic preparation of rural and non-rural students prior to enrollment in a College of Agriculture.
Raven, M.R.; Barrick, R.K.
Carbondale, Ill. : American Association of Teacher Educators in Agriculture.
Journal of agricultural education v. 33 (2): p. 10-18; 1992. Includes references.

Language: English

Descriptors: Ohio; College students; Agricultural colleges; Rural areas; Urban areas; Suburban areas; Location theory; Patterns

3 NAL Call No: LC5146.R47
Adult education as a response to the rural crisis: factors governing utility and participation.
Sundet, P.A.; Galbraith, M.W.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 7 (2): p. 41-49; 1991. Includes references.

Language: English

Descriptors: Missouri; Adult education; Educational programs; Rural communities; Participation; Curriculum; Educational policy; Needs assessment; Economic crises

4 NAL Call No: LB1567.J68
The advanced placement experience in small, rural high schools in South Carolina.
Aluri, R.S.; Winecoff, H.L.; Lyday, W.J.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 4 (3): p. 14-19; 1991. Includes references.

Language: English

Descriptors: South Carolina; High school curriculum; Public schools; Rural areas; Federal programs; Educational programs; Legislation

5 NAL Call No: LC5146.R47
An agenda for research and development on Rural Education.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 7 (2): p. 89-92; 1991. Includes references.

Language: English

Descriptors: U.S.A.; Educational research; Rural areas; Objectives; Federal government

6 NAL Call No: S494.5.I47J68
The Agricultural satellite corporation: The start of a new dimension for agricultural education.
Bretz, R.G.
Binghamton, NY, USA : Haworth Press, 1993-.
Journal of agricultural & food information v. 1 (3): p. 101-107; 1993.

Language: English

Descriptors: U.S.A.; Cabt; Agricultural education; Universities; Usda; Technology transfer; Distance teaching; Extension education; Program development

7 NAL Call No: LC5146.R872
An alternative to the traditional funding of small, rural schools.
Monk, D.H.
Washington, D.C. : Educational Networks Div, Off of Educ Res & Improv, U.S. Dept. of Educ.
Rural education : a changing landscape. p. 31-36; 1989. Includes references.

Language: English

Descriptors: U.S.A.; Rural communities; Community education; Funds; Educational reform; Trends

8 NAL Call No: HD1775.O5O3
An analysis of bus routes for the Perry, Oklahoma School System.
Allen, C.W.; Doeksen, G.A.; Ralstin, S.R.; Lester, C.F.
Stillwater, Okla. : The Department.
A. E. - Oklahoma State University, Department of Agricultural Economics (9105): 22 p.; 1991 Feb.

Language: English

Descriptors: Oklahoma; Public schools; Bus transport; Transport costs; Rural areas; Cooperative extension service

9 NAL Call No: LC5146.R47
Analysis of local stakeholder opposition to school district consolidation: an application of interpretive theory to public policy making.
Ward, J.G.; Rink, F.J.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 8 (2): p. 11-19; 1992. Includes references.

Language: English

Descriptors: Illinois; Public schools; Structural change; Rural areas; Mergers; Educational policy; Local authority areas; Public opinion

10 NAL Call No: LC5146.R47
An analysis of selected economic, social, and fiscal indicators for nonmetropolitan school classification schemes.
Reeder, R.J.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 8 (3): p. 29-46, 69-73; 1992. In the special issue: Toward the construction of a federal policy-impact code for a classifying the nation's rural school districts. Responses by P.M. Nachtigal, p. 69-70, and R.D. Bhaerman, p. 71-73. Includes references.

Language: English

Descriptors: U.S.A.; Public schools; Rural areas; Economic indicators; Social indicators; Fiscal policy; Employment; Income; Poverty; Education

11 NAL Call No: LC5146.R87
Appalachian special education students dropping out of school: looking at the whos and whys.
Gruenhagen, K.A.
Las Cruces, NM : New Mexico State University.
Rural special education quarterly v. 12 (2): p. 14-20; 1993. Includes references.

Language: English

Descriptors: Georgia; Handicapped children; Special education; Student dropouts; High school students; Rural areas

12 NAL Call No: 100 OH3S
Aspirations of rural secondary students in Ohio.
McCracken, J.D.; Odell, K.S.
Wooster, Ohio : The Center.
Special circular - Ohio Agricultural Research and Development Center (138): p. 1-4; 1991 Apr. Includes references.

Language: English

Descriptors: Ohio; Rural areas; Secondary education

13 NAL Call No: LC5146.R87
Audio teleconferencing: creating a bridge between rural areas and the University in Early childhood/special education.
Shaeffer, M.B.; Shaeffer, J.M.
Las Cruces, NM : New Mexico State University.
Rural special education quarterly v. 12 (1): p. 23-29; 1993. Includes references.

Language: English

Descriptors: Wyoming; Early childhood education; Special education; Teacher training; Rural areas; Universities; Telecommunications; Legislation; Teaching methods

14 NAL Call No: LC5302.A145B37
Barriers to rural adult education a survey of seven Northwest states.
McDaniel, Robert H.
Northwest Action Agenda Project, Fund for the Improvement of Postsecondary Education
Pullman, Wash. : Washington State University, [1986?].
vi, 20, [5], 6 leaves ; 28 cm. A report of the Northwest Action Agenda Project. September 1986. Bibliography: leaves 18-20.

Language: English

Descriptors: Adult education; Northwestern States; Education, Rural; Northwestern States; Distance education; Northwestern States; Education and state; Northwestern States

15 NAL Call No: HT101.S52
Before you consolidate the village school: thoughts on small town education.
Branch, K.J.
Ellensburg, Wash. : Small Towns Institute :.
Small town v. 18 (2): p. 24-27; 1987 Sep. Includes references.

Language: English

Descriptors: U.S.A.; Community programs; Centralization; Schools; Villages; Social interaction; Rural communities

16 NAL Call No: LC5201.L5
Better ways to use television for adult learning.
Gueulette, D.G.
Washington, D.C. : American Association for Adult and Continuing Education.
Lifelong learning v. 11 (6): p. 22-25; 1988 Apr. Includes references.

Language: English

Descriptors: Adult learning; Instruction; Objectives; Educational television; Guidelines; Distance teaching

17 NAL Call No: 100 OH3S
Characteristics of rural high school seniors in Ohio and Southwest Georgia.
McCracken, J.D.; Baker, M.; Wims, D.; Barcinas, J.D.T.
Wooster, Ohio : The Center.
Special circular - Ohio Agricultural Research and Development Center (138): p. 29-31; 1991 Apr. Includes references.

Language: English

Descriptors: Ohio; Georgia; Rural areas; High school students; Secondary education; Aspirations

18 NAL Call No: LC5146.R87
Children with disabilities in rural areas: the critical role of the special education teacher in promoting independence.
Smith, Q.W.; Fasser, C.E.; Wallace, S.; Richards, L.K.; Potter, C.G.
Las Cruces, NM : New Mexico State University.
Rural special education quarterly v. 11 (1): p. 24-30; 1992. Includes references.

Language: English

Descriptors: U.S.A.; Handicapped children; Special education; Rural areas; Living conditions; Self care; Health care; Teachers; Daily living skills

19 NAL Call No: LC5147.N2S5
Class dismissed examining Nebraska's rural education debate.
Sher, Jonathan P.; Hoke, Linda
Nebraska Rural Community Schools Association
Hildreth, NE? : Nebraska Rural Community Schools Association, [1988?].
60 p. ; 28 cm. March, 1988. Includes bibliographical references.

Language: English

Descriptors: Education, Rural; Nebraska; Rural schools; Nebraska

20 NAL Call No: HD1773.A3N6
A classic economies of size analysis on average school costs: an Iowa case study.
Edelman, M.A.; Knudsen, J.J.
Columbus, Ohio : Ohio State University.
North Central journal of agricultural economics v. 12 (1): p. 99-108; 1990 Jan. Literature review. Includes references.

Language: English

Descriptors: Iowa; Educational planning; Rural communities; Schools; Economies of scale; Cost analysis; Estimation; Regional planning; Public expenditure; Public services; Literature reviews; Case studies; Least squares; Regression analysis; Computer analysis; Models

Abstract: This study found size economies in Iowa school districts. An asymmetric U-shaped cost curve provided the best fit. Costs were minimized at $2,952 per pupil and 2,442 pupils, but most size economies, within $100 per pupil, were achieved at 800 to 900 pupils. Implications for school reorganization were discussed.

21 NAL Call No: LC5146.R47
Classifying extraordinary state policy strategies for assisting rural school districts.
Stephens, E.R.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 8 (2): p. 32-42; 1992. Includes references.

Language: English

Descriptors: U.S.A.; Elementary education; Secondary education; Public schools; Educational policy; State government; Rural areas; Objectives

22 NAL Call No: HC107.A13A6
Clay County high school finds formula for educational excellence.
Casto, J.E.
Washington, D.C. : Appalachian Regional Commission.
Appalachia v. 23 (3): p. 3-6. ill; 1990.

Language: English

Descriptors: West Virginia; High schools; High school students; Rural communities; Educational reform; Educational innovation; Educational attendance; School leavers; Educational programs

23 **NAL Call No: HT401.S72**
Community and family influences on educational performance in Appalachian communities.
Broomhall, D.; Johnson, T.G.
Mississippi State, Miss. : The Center.
SRDC series - Southern Rural Development Center (161): 38 p.; 1992 Sep. Includes references.

Language: English

Descriptors: Virginia; Kentucky; Appalachian states of U.S.A.; High school students; School leavers; Rural youth; Education; Job skills; Labor mobility; Attitudes; Perception; Rural communities; Investment; Human resources; Theory; Mathematical models

24 **NAL Call No: 100 OH3S**
Community and school characteristics and voter behavior in Ohio rural school district property tax elections.
Baker, M.; McCracken, J.D.
Wooster, Ohio : The Center.
Special circular - Ohio Agricultural Research and Development Center (138): p. 51-59; 1991 Apr. Includes references.

Language: English

Descriptors: Ohio; Rural areas; Rural communities; Public schools; High schools; Property taxes; Social activities

25 **NAL Call No: LC5146.R47**
Community schools in the national context: the social and cultural impact of educational reform movements on American rural schools.
DeYoung, A.J.; Theobald, P.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 7 (3): p. 3-14; 1991. Includes references.

Language: English

Descriptors: U.S.A.; Educational reform; Public schools; Rural communities; History; Cultural heritage; Social impact

26 **NAL Call No: LC5146.R87**
A comparison of occupational therapy practice in rural and urban school systems.
Kanny, E.M.; Crowe, T.K.
Bellingham, Wash. : National Rural Project.
Rural special education quarterly v. 10 (4): p. 10-17; 1991. Includes references.

Language: English

Descriptors: Alaska; Idaho; Montana; Oregon; Washington; Handicapped children; Therapy; Educational programs; Urban areas; Rural areas; Comparisons; Regional surveys

27 **NAL Call No: S494.5.D3C68 1992**
Computers and distance education: benefits and costs of existing and future programs.
Fulton, J.R.; Held, P.A.
St. Joseph, Mich. : American Society of Agricultural Engineers.
Computers in agricultural extension programs : proceedings of the 4th international conference, 28-31 January 1992, Orlando, Florida / sponspored by the Florida Cooperative Extension Service, University of Florida. p. 208-214; 1992. (ASAE publication ; 1-92). Includes references.

Language: English

Descriptors: Minnesota; Distance teaching; Computer techniques; Cost benefit analysis; Extension

28 **NAL Call No: HC107.A13A6**
Concurrent sessions: education and training.
Washington, D.C. : Appalachian Regional Commission.
Appalachia v. 25 (1): p. 10-13; 1992.

Language: English

Descriptors: U.S.A.; Distance teaching; Telecommunications; Educational programs; Training; Rural areas

29 **NAL Call No: LC5146.R47**
Confronting educational barriers to rural adults: A 13-state survey.
Easton, S.E.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 7 (2): p. 63-73; 1991. Includes references.

Language: English

Descriptors: Western states of U.S.A.; Northern plains states of U.S.A.; Adult education; Rural areas; Educational opportunities; Barriers; Sur-

veys; Educational policy

30 NAL Call No: LB1567.J68
A consortium model for rural-based mentor-intern programs: a school-college partnership that works.
Stupiansky, N.G.; Wolfe, M.P.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 4 (3): p. 22-31; 1991. Includes references.

Language: English

Descriptors: New York; Teacher training; Rural areas; Educational programs; Training centers; Universities; Cooperation; Models; Public schools

31 NAL Call No: 30.98 AG8
Constrained resource allocation and the investment in the education of black Americans: the 1890 land-grant colleges.
Craig, L.A.
Berkeley, Calif. : University of California Press.
Agricultural history v. 65 (2): p. 73-84; 1991. Paper presented at the "1890 Land-Grant Centennial Symposium," June 26-29, 1990, Florida Agricultural and Mechanical University, Tallahassee, Florida. Includes references.

Language: English

Descriptors: U.S.A.; Colleges; Agricultural education; Blacks; Economic development; History; Investment; Labor market; Mathematical models; Resource allocation; Rural urban migration; Teacher training; Teachers

32 NAL Call No: HT401.A36
Contributions of 1890 schools to rural development.
Smith, J.W.
Gainesville, Fla. : Humanities and Agriculture, University of Florida.
Agriculture and human values v. 9 (1): p. 51-58; 1992. Includes references.

Language: English

Descriptors: Southern states of U.S.A.; Rural development; Quality of life; Agricultural colleges; Change agents; Extension

33 NAL Call No: 166.2 N47
Cooperative education may ease rural resistance to change.
Swain, L.B.; Turner, M.
Washington, D.C. : United States Department of Agriculture, Agricultural Cooperative Service.
Farmer cooperatives v. 59 (4): p. 22-24; 1992 Jul.

Language: English

Descriptors: U.S.A.; Cooperative activities; Educational programs; Rural development

34 NAL Call No: S530.J6
A cooperative education program that reduces in-state competition for students.
Huber, A.G.; Kiemnec, G.L.
Madison, Wis. : American Society of Agronomy.
Journal of agronomic education v. 20 (2): p. 147-148; 1991.

Language: English

Descriptors: Oregon; Agricultural education; Educational programs; Universities; Cooperation; Educational innovation; Rural areas

35 NAL Call No: LB1567.J68
Costs and benefits of an investment in rural education: the perspective of a rural state.
Perry, W.J.; Harmon, H.L.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 5 (1): p. 3-9; 1992. In the special issue on education an economics in rural America / edited by C. Howley. Includes references.

Language: English

Descriptors: West Virginia; Educational reform; Investment; Public schools; Economic development; Rural areas; Cost benefit analysis

36 NAL Call No: LC5146.R47
Country lifers reconsidered: educational reform for rural America.
Theobald, P.G.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 7 (2): p. 21-28; 1991. Includes references.

Language: English

Descriptors: U.S.A.; Educational reform; Rural development; Federal programs; History; Social impact; Schools; Curriculum

37 NAL Call No: 100 M668
Delivering education in rural areas varies widely.
Obst, J.

St. Paul, Minn. : The Station.
Minnesota science - Agricultural Experiment Station, University of Minnesota v. 44 (1): p. 5; 1989.

Language: English

Descriptors: Minnesota; Agricultural education; Vocational training; Rural communities; Administrative areas

38 **NAL Call No: LC5146.R872**
Demographic trends relevant to education in nonmetropolitan America.
Brown, D.L.
Washington, D.C. : Educational Networks Div, Off of Educ Res & Improv, U.S. Dept. of Educ.
Rural education : a changing landscape. p. 19-30; 1989. Includes references.

Language: English

Descriptors: U.S.A.; Rural communities; Community education; Demography; Trends; Economic sociology; Rural urban relations

39 **NAL Call No: NBULD3656.5 1992 R674**
A descriptive case study of an alternative education program for at-risk youths in a small, rural high school. (University of Nebraska, Lincoln thesis : Interdepartmental Area of Administration, Curriculum, and Instruction.)
Rose, Steven W.
1992.
458 leaves ; 28 cm. Includes bibliographical references.

Language: English

40 **NAL Call No: LB1567.J68**
Developing reflective inquiry skills in rural teachers: the "Teachers for Rural Alaska" program.
Kleinfeld, J.; Noordhoff, K.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 4 (3): p. 38-42; 1991. Includes references.

Language: English

Descriptors: Alaska; Teacher training; Educational programs; High schools; Rural areas; Job skills

41 **NAL Call No: 166.2 N47**
Development education, technical help primary needs for rural communities.
Martin, G.A.
Washington, D.C. : The Service.
Farmer cooperatives - U.S. Department of Agriculture, Agricultural Cooperative Service v. 56 (7): p. 26-27; 1989 Oct.

Language: English

Descriptors: U.S.A.; Rural development; Rural communities; Leadership; Roles; Cooperatives; Educational programs; Technical training; Development policy; Economic development

42 **NAL Call No: LC5146.R47**
Differences between rural and nonrural secondary science teachers: evidence from the longitudinal study of American youth.
Carlsen, W.S.; Monk, D.H.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 8 (2): p. 1-10; 1992. Includes references.

Language: English

Descriptors: U.S.A.; Science education; Secondary education; Teacher training; Knowledge; Rural areas; Urban areas; Comparisons

43 **NAL Call No: LC5146.R47**
Differences between rural and urban schools, student characteristics, and student aspirations in Ohio.
McCracken, J.D.; Barcinas, J.D.T.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 7 (2): p. 29-40; 1991. Includes references.

Language: English

Descriptors: Ohio; High school students; Public schools; Location theory; Size; Rural urban relations; Aspirations; Demography; Comparisons; Characteristics

44 **NAL Call No: LC5146.D5**
Directory of organizations and programs in rural education.
ERIC Clearinghouse on Rural Education and Small Schools, National Rural Education Association (U.S.)
Charleston, W.Va. : ERIC Clearinghouse on Rural Education and Small Schools : National Rural Educaton Association,.
ii, 65 p. ; 28 cm. June 1990.

Language: English

Descriptors: Education Rural; United States; Di-

rectories

45 NAL Call No: LC5146.B37 1992
The distance education handbook an administrator's guide for rural and remote schools.
Barker, Bruce O.
Charleston, WV : Clearinghouse on Rural Education and Small Schools,.
vi, 66 p. ; 23 cm. January 1992. Includes bibliographical references (p. 53-64).

Language: English

Descriptors: Education, Rural; Distance education; Telecommunication in education

46 NAL Call No: LC5201.L5
Distance education: its effectiveness and potential use in lifelong learning.
Clark, T.A.
Washington, D.C. : American Association for Adult and Continuing Education.
Lifelong learning v. 12 (4): p. 24-27; 1989 Jan. Includes references.

Language: English

Descriptors: U.S.A.; Lifelong learning; Adult education; Correspondence courses; Educational radio; Educational television; Independent study; Program effectiveness

Abstract: Distance education "refers to formal study in which the teacher and learner are separate throughout the main mode of educational delivery." Examples of distance education are correspondence by mail; educational programs on television, radio, or by telephone; and home or individual study. Future medium for distance education is described. Course material is prepared by institutes of higher learning, businesses, government agencies, private industry, libraries, the military, ect. The authors address its cost and feasibility, and discuss when distance education might be most effective. Common objections and concerns about this learning method are also listed.

47 NAL Call No: 275.28 J82
Distance education: making videoconferencing work.
Harriman, L.C.
Madison, Wis. : Extension Journal.
Journal of extension v. 27: p. 28-29; 1989. Includes references.

Language: English

Descriptors: U.S.A.; Distance teaching; Educational programs; Telecommunications; Program development; Cooperative extension service

48 NAL Call No: HD1417.F64 v.67
Distance education systems.
Elliot, Sergio
Rome : Food and Agriculture Organization of the United Nations,.
iv, 73 p. : ill. ; 30 cm. (FAO economic and social development paper ; 67). "M-67" , T.p. verso. Includes bibliographical references.

Language: English

Descriptors: Distance education; Distance education; Methodology; Rural development

49 NAL Call No: LC5805.B44 1991
Distance learning new technology and new potential.
Bell, Julie Davis
National Conference of State Legislatures
Denver, Colo. : National Conference of State Legislatures, [c1991].
5, [1] p. ; 28 cm. (State legislative report ; vol. 16, no. 6). Cover title. July 1991. Includes bibliographical references (p. [6]).

Language: English

Descriptors: Distance education

50 NAL Call No: LC5146.R87
The dropout problem: rural educators' perceptions of intervention priorities.
Bull, K.S.; Salyer, K.; Montgomery, D.; Hyle, A.
Las Cruces, NM : New Mexico State University.
Rural special education quarterly v. 11 (3): p. 3-13; 1992. Includes references.

Language: English

Descriptors: U.S.A.; Student dropouts; High school students; Rural areas; Cluster analysis; Demography

51 NAL Call No: 151.65 P96
Drug use and illnesses among eighth grade students in rural schools.
Alexander, C.S.; Klassen, A.C.
Washington, D.C. : Public Health Service.
Public health reports v. 103 (4): p. 394-399; 1988 Jul. Includes references.

Language: English

Descriptors: Maryland; Rural youth; Adolescents; Substance abuse; Counties; Tobacco smoking; Alcoholic beverages; Health

Abstract: We examined the relationship between the drug use by young adolescents and two indicators of illness, frequency of illness and numbers of days absent from school owing to illness. Data were from a general health survey of all eighth grade students enrolled in public schools in two rural Maryland counties. A total of 745 students completed a self-administered questionnaire during school hours in January 1984. Information was obtained on a variety of sociodemographic characteristics and on the students' use of tobacco, alcohol, and marijuana. Correlational analyses were used to examine the relationships among cigarette smoking, beer or wine drinking, whiskey or hard liquor drinking, and marijuana use. Logistic regression was used to model the effects of drug use behaviors on the likelihood of being absent from school 3 or more days, adjusting for the student's age, sex, race, parents' education, illness frequency, and concerns about learning problems in school. We found substantial covariation among the use of cigarettes, alcohol, and marijuana. After adjusting for the background variables of illness, frequency, and learning problems, we found that students who are frequent cigarette smokers experienced a 2.6 risk of school absenteeism. Other drug use behaviors were not associated significantly with increased risk of missing school. Findings are discussed within the context of health-related consequences of drug use.

52 **NAL Call No: S451.P4P45**
Educated choice.
Ciresi, R.
University Park, Pa. : Pennsylvania State University.
PennState agriculture. p. 26-32; 1990.

Language: English

Descriptors: Pennsylvania; Rural areas; Postsecondary education; Rural development

53 **NAL Call No: HD1751.A1S73**
Education: a solution for rural poverty?
Clouser, R.L.
Gainesville, Fla. : The Department.
Staff paper - University of Florida, Food and Resource Economics Department, Institute of Food and Agricultural Sciences (350): 15 p.; 1989 Mar. Includes references.

Language: English

Descriptors: U.S.A.; Poverty; Rural areas; Quality of life; Educational policy; Labor market; Employment; Public services; Infrastructure

54 **NAL Call No: HN59.2.A45**
Education and community.
Ilvento, T.W.
Boulder, Colo. : Westview Press.
American rural communities / edited by Albert E. Luloff and Louis E. Swanson. p. 106-124; 1990. (Westview special studies in contemporary social issues).

Language: English

Descriptors: U.S.A.; Rural communities; Educational programs; Public services; Economic sociology; Rural development; Fiscal policy; Administrations

55 **NAL Call No: LB1567.J68**
Education and economic development: Can the two really work together?
Hutto, N.N.; Cooper, L.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 5 (1): p. 19-21; 1992. In the special issue on education an economics in rural America / edited by C. Howley. Includes references.

Language: English

Descriptors: New Mexico; Texas; Arizona; Colorado; Education; Economic development; Rural communities; Regional surveys

56 **NAL Call No: HT401.S72**
Education and economic development in rural Appalachia.
Johnson, T.G.; Broomhall, D.E.
Mississippi State, Miss. : The Center.
SRDC series - Southern Rural Development Center (165): p. 20-29; 1993 Jan. Paper presented at the symposium, " Education, Off-farm Employment and Rural Economic Development: Perspectives from States in the Southeast," February 1992, Lexington, Kentucky / edited by D.L. Debertin. Includes references.

Language: English

Descriptors: Kentucky; Virginia; Rural development; Economic growth; Education; Human resources; Quality of life; High school students

57 NAL Call No: LB1567.J68
Education and "modernization" in Appalachia: with a case study of the economics and politics of underdevelopment in an East Tennessee school district.
DeYoung, A.J.; McKenzie, R.C.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 5 (1): p. 10-18; 1992. In the special issue on education an economics in rural America / edited by C. Howley. Includes references.

Language: English

Descriptors: Appalachian states of U.S.A.; Tennessee; Education; Modernization; Economic development; Politics; Schools; Human resources; Rural areas; Case studies

58 NAL Call No: 275.29 F22
Education and rural development.
Rosenfeld, S.A.
Oak Brook, Ill. : Farm Foundation.
Increasing understanding of public problems and policies. p. 53-61; 1989. Paper presented at the 39th National Public Policy Education Conference, September 18-21, 1989, New Orleans, Louisiana.

Language: English

Descriptors: Southern states of U.S.A.; Puerto Rico; Rural development; Human resources; Resource development; Schools; Agricultural education; Colleges; Economic growth; Employment

59 NAL Call No: HT401.S72
Education and rural economic development.
White, G.
Mississippi State, Miss. : The Center.
SRDC series - Southern Rural Development Center (81): p. 97-100; 1986 Apr. Paper presented at Conference on "Emerging issues in the rural economy of the South" January 13-14, 1986, Birmingham, Alabama.

Language: English

Descriptors: South eastern states of U.S.A.; South central states of U.S.A.; South Carolina; Rural development; Economic development; Educational institutions; Rural women; Underemployment; Educational programs

60 NAL Call No: HT401.S72
Education and rural economic development.
Johnson, T.G.
Mississippi State, Miss. : The Center.
SRDC series - Southern Rural Development Center (165): p. 1-3; 1993 Jan. Paper presented at the symposium, " Education, Off-farm Employment and Rural Economic Development: Perspectives from States in the Southeast," February 1992, Lexington, Kentucky / edited by D.L. Debertin. Includes references.

Language: English

Descriptors: U.S.A.; Education; Rural development; Economic growth

61 NAL Call No: HD1755.P76 1988
Education and the socioeconomic decay of the rural south.
Skees, J.R.; Swanson, L.E.
Tuskegee, Ala. : Tuskegee University, [1989?].
Rural development issues of the nineties : perspectives from the social sciences : the 46th annual Professional Agricultural Workers Conference proceedings, December 4-6, 1988. Tuskegee University. p. 109-133; 1989. Includes references.

Language: English

Descriptors: Southern states of U.S.A.; Education; Rural areas; Economic development; Poverty

62 NAL Call No: HT401.S72
Education in the rural South policy issues and research needs.
Mulkey, D.
Mississippi State, Miss. : The Center.
SRDC series - Southern Rural Development Center (167): p. 37 p.; 1993 Mar. Includes references.

Language: English

Descriptors: Southern states of U.S.A.; Educational policy; Educational research; Rural areas; Public expenditure; Public schools

63 NAL Call No: HT401.S72
Education, off-farm employment and rural economic development: perspectives from states in the Southeast.
Debertin, D.L. (ed.)
Mississippi State, Miss. : The Center.
SRDC series - Southern Rural Development Center (165): 47 p.; 1993 Jan. Proceedings of a Rural Development Symposium at the 1992 meetings of the Southern Agricultural Economics Association, February 1992, Lexington, Kentucky.

Language: English

Descriptors: South eastern states of U.S.A.; Rural development; Education; Economic development; Off-farm employment

64 NAL Call No: HD9007.K4K43
Education reform and income: some issues facing Kentucky.
Goetz, S.J.; Debertin, D.L.
Lexington, Ky. : The Service.
Agribusiness news for Kentucky - University of Kentucky, Cooperative Extension Service (75): p. 4-10; 1991 Oct.

Language: English

Descriptors: Kentucky; Educational reform; Income; Public expenditure; Rural urban relations; Poverty; Legislation

65 NAL Call No: HT401.S72
Education: the empowerment of people.
Winter, W.F.
Mississippi State, Miss. : The Center.
SRDC series - Southern Rural Development Center (130): p. 107-109; 1990 Jun. Paper presented at a Regional Conference: "Revitalizing the Rural South: Extension's Role in Enhancing the Quality of Life," January 16-18, 1990, Birmingham, Alabama.

Language: English

Descriptors: Southern states of U.S.A.; Human resources; Rural areas; Regional development; Education; Literacy

66 NAL Call No: LC5146.R872
An education writer's reflections on rural education.
Kennedy, J.L.
Washington, D.C. : Educational Networks Div, Off of Educ Res & Improv, U.S. Dept. of Educ.
Rural education : a changing landscape. p. 47-51; 1989.

Language: English

Descriptors: Nebraska; Rural communities; Community education; Rural economy; Regional planning; Budgets; Educational reform

67 NAL Call No: HN79.A13R87
Educational reform and regional development.
Deaton, B.J.; Deaton, A.S.
Boulder : Westview Press.
The Rural South in crisis : challenges for the future / edited by Lionel J. Beaulieu. p. 304-324; 1988. (Rural studies series). Includes references.

Language: English

Descriptors: South eastern states of U.S.A.; South central states of U.S.A.; Rural communities; Educational reform; Regional development; Leadership; Human resources; Uncertainties; Supply balance; Fiscal policy; Structural change; Literacy; Technology; Lifelong learning

68 NAL Call No: LC5252.A14S7
Education's response to the rural crisis model programs in the Midwest.
Spears, Jacqueline D.
Action Agenda for Rural Adult Postsecondary Education
Manhattan, Kan. : Kansas State University, [1987?].
v, 184 p. ; 28 cm. December 1987. "Midwest Regional Initiative", Cover. "Action Agenda for Rural Adult Postsecondary Education", Cover.

Language: English

Descriptors: Middle West; Rural conditions; Adult education; Middle West; Education, Rural; Middle West

69 NAL Call No: LC5951.V34
The effectiveness and acceptance of home study.
Valore, Leonard; Diehl, Grover E.
Washington, D.C. : National Home Study Council,.
24 p. : ill. ; 28 cm. April 1987. "A monograph of the National Home Study Council", Cover. Includes bibliographical references (p. 21-23).

Language: English

Descriptors: Correspondence schools and courses; United States; Correspondence schools and courses; Distance education; United States; Distance education

70 NAL Call No: MnSUThesis stp simo
The effectiveness of a mentor program for the induction of beginning vocational agriculture teachers in rural schools.
Simon, Jerry Kay
1991.
2 v. ; 29 cm. Includes bibliographical references.

Language: English

71 NAL Call No: 275.9 N213

The effectiveness of video-based instruction in an undergraduate agricultural business course.
Hathaway, B.A.; Akridge, J.T.; Downey, W.D.
Urbana, Ill. : National Association of College and Teachers of Agriculture.
NACTA journal v. 37 (4): p. 33-37; 1993 Dec. Includes references.

Language: English

Descriptors: Video recordings; Distance teaching; Agribusiness; Marketing; College curriculum; Evaluation

72 **NAL Call No: LC5146.R47**
Effectiveness of visual imagery versus rule-based strategies in teaching spelling to learning disabled students.
Darch, C.; Simpson, R.G.
Orono, Me. : College of Education, University of Maine.
Research in rural education v. 7 (1): p. 61-70; 1990. Includes references.

Language: English

Descriptors: Southeastern states of U.S.A.; Learning disabilities; Students; Rural areas; Teaching methods; Audiovisual aids

73 **NAL Call No: LC5146.R47**
The effects of an aging rural population on the financing of rural public education.
Deller, S.C.; Walzer, N.
Orono, Me. : College of Education, University of Maine, 1991-.
Journal of research in rural education v. 9 (2): p. 104-114; 1993. Includes references.

Language: English

Descriptors: Illinois; Cabt; Elderly; Rural population; Public expenditure; Public schools; Rural areas

74 **NAL Call No: HD1775.O5C87**
Efficient school bus routes reduce costs.
Sloggett, G.; Doeksen, G.A.; Martin, B.
Stillwater, Okla. : The Station.
Current farm economics - Agricultural Experiment Station, Division of Agriculture, Oklahoma State University v. 64 (2): p. 3-10; 1991 Jun. Includes references.

Language: English

Descriptors: Oklahoma; School children; Bus transport; Rural areas; Computer software; Microcomputers; Energy consumption; Community programs; Costs

75 **NAL Call No: 280.9 Am34 v.514**
Electronic links for learning.
Horner, Vivian M.; Roberts, Linda G.,
Newbury Park, CA : Sage Publications,.
223 p. : ill. ; 25 cm. (Annals of the American Academy of Political and Social Science ; v. 514). March 1991. Includes bibliographical references and index.

Language: English

Descriptors: Distance education; Telecommunication in education; Television in education; Educational technology

76 **NAL Call No: LC5147.N7E4**
Elementary, secondary and higher education in rural New York State an action strategy.
Cook, Charles D.,
New York (State), Legislature, Legislative Commission on Rural Resources
Albany, N.Y. : The Commission,.
ii, 26 p. ; 28 cm. Cover title. September 11, 1985.

Language: English

Descriptors: Education, Rural; New York (State); Education and state; New York (State)

77 **NAL Call No: LC5146.R47**
Evaluating the benefits of a computer based telecommunication network: telementoring and teletraining for educators in rural areas.
Kendall, R.M.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 8 (1): p. 41-46; 1992. Includes references.

Language: English

Descriptors: South Carolina; Telecommunications; Teacher training; Computer assisted instruction; Rural areas; Program evaluation

78 **NAL Call No: SB732.6.M65**
Extracellular protein elicitors from Phytophthora: host-specificity and induction of resistance to bacterial and fungal phytopathogens.
Kamoun, S.; Young, M.; Glascock, C.B.; Tyler, B.M.
St. Paul, Minn. : APS Press.
Molecular plant-microbe interactions : MPMI v. 6 (1): p. 15-25; 1993 Jan. Includes references.

Language: English

Descriptors: Raphanus sativus; Brassica campestris; Nicotiana tabacum; Crops; Leguminosae; Solanaceae; Phytophthora nicotianae var. parasitica; Phytophthora cryptogea; Xanthomonas campestris pv. armoraciae; Proteins; Cell wall components; Induced resistance; Disease resistance; Genetic regulation; Gene expression; Promoters; Naringenin-chalcone synthase

79 NAL Call No: HD1401.W57 no.266
The farm economy, property taxes and rural education.
Barrows, Richard L.
Madison, Wis. : University of Wisconsin, Dept. of Agricultural Economics :.
13 p. ; 28 cm. (Agricultural economics staff paper series (Madison, Wis.) ; no. 266.). January 1987.

Language: English

Descriptors: Education, Rural; Wisconsin; Finance; Farms; Taxation; Wisconsin

80 NAL Call No: LB1567.J68
Financing rural schools in a complex and changing environment.
Camp, W.E.; Thompson, D.C.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 5 (1): p. 35-40; 1992. In the special issue on education an economics in rural America / edited by C. Howley. Includes references.

Language: English

Descriptors: U.S.A.; Public schools; Rural areas; Public finance; Educational resources; Rural urban relations

81 NAL Call No: LB1567.J68
Four years of infusing preventive health behavior education into a small, isolated, Hispanic school.
Duryea, E.J.; Semark, L.; Neto, C.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 5 (3): p. 2-6; 1992. Includes references.

Language: English

Descriptors: New Mexico; Hispanics; Public schools; Rural areas; Health education; Substance abuse; Behavior modification; Health programs; Rural youth; Educational programs

82 NAL Call No: HT401.R94
From reform to restructuring: new opportunities for rural schools.
Elder, W.L.; Hobbs, D.
Columbia, Mo. : Rural Sociological Society.
The Rural sociologist v. 10 (3): p. 10-13; 1990. Includes references.

Language: English

Descriptors: U.S.A.; Educational reform; Rural areas; Structural change; Educational policy; Goals; Community involvement

83 NAL Call No: aHJ9299.S5
Funding for local government and schools in rural Oklahoma.
Sloggett, Gordon; Doeksen, Gerald A.
United States, Dept. of Agriculture, Economic Research Service
Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service, Agriculture and Rural Economy Division,.
v, 36 p. : ill. ; 28 cm. (ERS staff report ; no. AGES 880129). Cover title. Bibliography: p. 23.

Language: English

Descriptors: Municipal revenue; Oklahoma; Rural schools; Economic aspects; Oklahoma; Revenue; Oklahoma

84 NAL Call No: LC5146.R47
Funding inequities in New Hampshire school districts: political realities and public attitudes.
Garland, V.E.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 8 (1): p. 47-59; 1992. Includes references.

Language: English

Descriptors: New Hampshire; Kindergarten; Educational opportunities; Public schools; Rural areas; Taxes; Support measures; State government; Disparity; Case studies; Politics; Regional surveys; Public opinion

85 NAL Call No: LC5146.R87
Future special education teachers perceptions of rural teaching environments.
Bell, T.L.; Bull, K.S.; Barrett, J.M.; Montgomery, D.; Hyle, A.E.

Bellingham, Wash. : National Rural Project,.
Rural special education quarterly v. 12 (4): p. 31-38; 1993. Includes references.

Language: English

Descriptors: U.S.A.; Cabt; Special education; Teacher training; Rural communities; Attitudes

86 NAL Call No: A00127
Graduate medical education and rural health care.
Talley, R.C.
Philadelphia, PA : Hanley & Belfus.
Academic medicine v. 65 (12,suppl.): p. S22-S31; 1990 Dec. Paper presented at the 1990 Invitational Symposium "Rural Health: A Challenge for Medical Education," February 1-3, 1990, San Antonio, Texas. Commentaries by P.R. Young, p. S25-S27, and N.A. Vanselow, p. S27-S31. Includes references.

Language: English

Descriptors: U.S.A.; Health care; Medical education; Graduate study; Rural areas; Recruitment; Rural communities

Abstract: Currently, residency training is neither detrimental nor helpful to the problems of rural health. Based on four generally accepted "truths" about rural health, medical schools should recruit students from rural areas, have them choose family practice as a career, and train them in rural settings. Given no substantial changes in residency training, the following recommendations are made. Develop a consensus definition of "rural." Educate rural communities to the purpose of residency training. Residency review committees should support rural rotations of at least six months; consider the number of residencies at a site irrelevant for accreditation; judge the quality of the product as the standard of accreditation; and define teaching competency by other than specialty label. All medical school departments should be involved in seeking solutions to the problems of rural health. New opportunities for funding of rural residency training should be sought. If major changes in residency training are possible, internal medicine, family practice, and pediatrics should merge as a single primary care specialty and for residency training. Only this residency should be considered primary care for residency reimbursement purposes, and only its graduates should be reimbursed for primary care services.

87 NAL Call No: S451.W6L35
Guidelines for developing university sustainable agriculture programs suggestions for research, extension and instruction.
Lamm, Tom
Wisconsin Rural Development Center, Sustainable Agriculture Public Research Project
Black Earth, Wis. : Wisconsin Rural Development Center,.
31, [3] p. : ill. ; 28 cm. "January, 1989", Cover. Bibliography: p. [33-34].

Language: English

Descriptors: Sustainable agriculture; Wisconsin; Agricultural systems; Economic aspects; Wisconsin; Agricultural ecology; Wisconsin; Agricultural extension work; Wisconsin

88 NAL Call No: 281.28 R88
Harvesting human capital: family structure and education among rural youth.
Lichter, D.T.; Cornwell, G.T.; Eggebeen, D.J.
Bozeman, Mont. : Rural Sociological Society.
Rural sociology v. 58 (1): p. 53-75; 1993. Includes references.

Language: English

Descriptors: U.S.A.; Rural youth; Family structure; Education; Human resources

Abstract: Coleman's (1988) theory of family social capital provides a conceptual framework for assessing the relationship between several dimensions of family structure and school dropout rates among nonmetropolitan youth. This paper evaluates the extent to which higher rural than urban dropout rates are attributable to spatial differences in family structure (e.g., living arrangements, family size, and early childbearing) or economic resources (e.g., poverty) and estimates the differential effects of family structure and poverty on school dropout rates in nonmetropolitan areas, suburbs, and central cities. Data are drawn from the March 1990 Current Population Survey. Results indicate that residential differences in family structure account for a relatively small part of the higher dropout rates found in rural areas. Rural youth's experience with poverty appears to matter more. The educational effects of family structure are nevertheless strong in rural areas, albeit somewhat smaller than in suburban areas, owing perhaps to compensating forms of social capital found in rural areas. The results suggest that studies of dropout behavior, in rural or urban

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areas, must acknowledge the potentially large role of family structure and economic resources on the educational achievement process.

89 NAL Call No: KF27.E3364 1991b
Hearing on the challenges facing urban and rural schools hearing before the Subcommittee on Elementary, Secondary, and Vocational Education of the Committee on Education and Labor, House of Representative, One Hundred Second Congress, first session, hearing held in Washington, DC, November 14, 1991.
United States. Congress. House. Committee on Education and Labor. Subcommittee on Elementary, Secondary, and Vocational Education
Washington : U.S. G.P.O. : For sale by the U.S. G.P.O., Supt. of Docs., Congressional Sales Office; Y 4.Ed 8/1:102-85.
iii, 95 p. ; 24 cm. Distributed to some depository libraries in microfiche. Shipping list no.: 92-221-P.". "Serial no. 102-85.

Language: English

Descriptors: Urban schools; Rural schools; Federal aid to education; Education

90 NAL Call No: 100 OH3S
High school and student characteristics in rural and urban areas of Ohio.
McCracken, J.D.; Barcinas, J.D.T.
Wooster, Ohio : The Center.
Special circular - Ohio Agricultural Research and Development Center (138): p. 43-50; 1991 Apr. Includes references.

Language: English

Descriptors: Ohio; Rural areas; Urban areas; High schools; Students; Characteristics

91 NAL Call No: 100 OH3S
High school curriculum and aspirations of students in Ohio and Southwest Georgia.
McCracken, J.D.; Barcinas, J.D.T.; Wims, D.
Wooster, Ohio : The Center.
Special circular - Ohio Agricultural Research and Development Center (138): p. 32-42; 1991 Apr. Includes references.

Language: English

Descriptors: Ohio; Georgia; Rural areas; High school students; High school curriculum; Aspirations

92 NAL Call No: LC5251.T74
Higher education in rural America, serving the adult learner.
Treadway, Douglas M.
New York : College Entrance Examination Board,.
x, 72 p. : ill. ; 24 cm. Bibliography: p. 65-67.

Language: English

Descriptors: Continuing education; United States; Education, Rural; United States; Community and college; United States

93 NAL Call No: aHN90.C6R78
Higher education no panacea for weak rural economies.
Killian, M.S.; Parker, T.S.
Washington, D.C. : U.S. Department of Agriculture, Economic Research Service.
Rural development perspectives : RDP v. 7 (1): p. 2-7. ill., maps; 1990-1991. Includes references.

Language: English

Descriptors: U.S.A.; Higher education; Rural economy; Economic growth; Employment; Rural areas

94 NAL Call No: HT401.S72
Higher education resources available for economic and rural development.
Roberts, H.
Mississippi State, Miss. : The Center.
SRDC series - Southern Rural Development Center (81): p. 93-95; 1986 Apr. Paper presented at Conference on "Emerging issues in the rural economy of the South" January 13-14, 1986, Birmingham, Alabama.

Language: English

Descriptors: South eastern states of U.S.A.; South central states of U.S.A.; Educational resources; Economic development; Rural development; Higher education; Roles

95 NAL Call No: LA2315.T4M36 1990
Hill country teacher oral histories from the one-room school and beyond.
Manning, Diane
Boston : Twayne,.
xxii, 191 p. : ill. ; 25 cm. (Twayne's oral history series ; no. 3). Includes bibliographical references (p. 183-186) and index.

Language: English

Descriptors: Texas Hill Country (Tex.); Biography; Women teachers; Retired teachers; Rural schools

96 NAL Call No: 281.9 P942
Historically black colleges and universities: untapped resources for rural development.
Kingslow, M.E.
Tuskegee, Ala. : Tuskegee University.
Proceedings of the ... Annual Professional Agricultural Workers Conference (47th): p. 49-56; 1989.
In the series analytic: Outreach to the Rural Disadvantaged: issues and strategies for the 21st century / edited by N. Baharanyi, R. Zabawa, W. Hill.
Meeting held December 3-5, 1989, Tuskegee, Alabama. Includes references.

Language: English

Descriptors: Southern states of U.S.A.; Blacks; Colleges; Rural development; Economic development; Rural communities; Community involvement; Social benefits

97 NAL Call No: LB1567.J68
HIV/AIDS education in rural schools in the U.S.: Enough of the right stuff?
Helge, D.; Paulk, J.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 4 (1): p. 30-35; 1989. Includes references.

Language: English

Descriptors: U.S.A.; Acquired immune deficiency syndrome; Human immunodeficiency virus; Educational programs; Rural areas; Surveys

98 NAL Call No: LC5146.R87
Identification of the advantages and disadvantages of special education service delivery in rural Kentucky as a basis for generating solutions to problems.
Collins, B.C.
Las Cruces, NM : New Mexico State University.
Rural special education quarterly v. 11 (3): p. 30-34; 1992. Includes references.

Language: English

Descriptors: Kentucky; Special education; Teacher training; Rural areas

99 NAL Call No: HV5808.J68
An impact evaluation of a rural youth drug education program.
Sarvela, P.D.; McClendon, E.J.
Amityville, N.Y. : Baywood Publishing Company.
Journal of drug education v. 17 (3): p. 213-231; 1987. Literature review. Includes references.

Language: English

Descriptors: Michigan; Wisconsin; Substance abuse; Educational programs; Schools; Curriculum; Rural areas; Rural youth; Health; Beliefs; Behavior; Attitudes; Alcoholic beverages; Cocaine; Tobacco smoking

Abstract: The author examines the prevalence of drug use among 265 youth who reside in rural northern Michigan and northeastern Wisconsin. The study focuses on use of alcohol, cigarettes, marihuana and cocaine by students in sixth and seventh grade. The results of a comprehensive drug education program carried out at these grade levels is discussed. Students' health beliefs are also considered.

100 NAL Call No: LC5146.R87
Implementing education reform proposals in rural areas.
Helge, D.
Las Cruces, NM : New Mexico State University.
Rural special education quarterly v. 11 (2): p. 2-3; 1992. Includes references.

Language: English

Descriptors: U.S.A.; Students; Rural youth; Public schools; Educational reform; Educational objectives; Rural communities

101 NAL Call No: 100 OH3S
Implications for colleges of agriculture based upon a study of the educational plans of rural Ohio secondary students.
McCracken, J.D.; Odell, K.S.
Wooster, Ohio : The Center.
Special circular - Ohio Agricultural Research and Development Center (138): p. 18-21; 1991 Apr. Includes references.

Language: English

Descriptors: Ohio; Rural areas; Secondary education; High school students; Agricultural colleges

102 NAL Call No: LB1567.J68
Improving elementary teacher performance and confidence in mathematics: a successful rural small school inservice.
Hadfield, O.D.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 5 (2): p. 32-37;

1992. Includes references.

Language: English

Descriptors: New Mexico; Mathematics; Elementary schools; Rural areas; Teacher training; Inservice training

103 NAL Call No: LC5146.R872
Improving leadership and organizational effectiveness in rural schools: implications for policymakers.
Meyers, H.W.
Washington, D.C. : Educational Networks Div, Off of Educ Res & Improv, U.S. Dept. of Educ.
Rural education : a changing landscape. p. 61-68; 1989. Includes references.

Language: English

Descriptors: U.S.A.; Rural communities; Community education; Educational reform; Leadership; Cultural influences; Structure; Organizations

104 NAL Call No: LB1567.J68
Improving science education in rural elementary schools: a collaborative approach for centers of rural education and museums of natural history.
Dacus, J.M.; Hutto, N.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 4 (1): p. 13-17; 1989.

Language: English

Descriptors: New Mexico; Science education; Elementary schools; Rural areas; Cooperation; Development projects; Educational reform; Museums; Universities

105 NAL Call No: LC5215.P76 1987
Increasing rural adults' participation in collegial programs exemplary programs : proceedings of Rural Action Conference, Donaldson Brown Center, Blacksburg, Virginia, June 1,2 & 3, 1987.
Sullins, W. Robert; Hoerner, James L.; Whisnant, W. Terry
Virginia Polytechnic Institute and State University, College of Education
Programs and Activities to Overcome Barriers to Rural Adult Participation in Postsecondary Education 1987 : Blacksburg, Va.
Blacksburg, Va. : College of Education, Virginia Polytechnic Institute and State University,.
iii, 87 p. ; 28 cm.

Language: English

Descriptors: Adult education; Congresses

106 NAL Call No: HN90.C6P7
Industry/education partnerships, a rural invention.
Mazzioti, D.F. Jr; Trinklein, L.
Harrisburg, Pa. : Pennsylvania Rural Coalition, [1986?].
Proceedings, rural economic development in Pennsylvania : assess & alternatives : Sept 11-12, 1986, Holiday Inn, Mechanicsburg, Pa. / sponsored by the Pennsylvania Rural Coalition ; prep & ed by J. D. Murray, coordinator. p. 61-64; 1986.

Language: English

Descriptors: Pennsylvania; Rural development; Educational programs; Rural industry; Partnerships

107 NAL Call No: LC5146.R47
Informing policymakers about the impact of state funding formula components on rural schools.
Bass, G.R.; Verstegen, D.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 8 (1): p. 15-25; 1992. Includes references.

Language: English

Descriptors: U.S.A.; Public schools; Rural areas; State government; Finance; Educational policy; Factor analysis; Support measures; Surveys; Economic impact

108 NAL Call No: aHN90.C6R873
Innovative approaches in rural education.
Shimmons, J. (comp.)
Beltsville, Md. : The Center.
Rural Information Center publication series (22): 43 p.; 1993 Apr. Bibliography.

Language: English

Descriptors: U.S.A.; Educational innovation; Rural areas; Curriculum guides; Teaching methods; Finance; Cooperation; Special education; Information services

109 NAL Call No: LC5146.R87
An inquiry into rural special education: A discussion with Judy Schrag, Director, Office of Special Education Programs, United States Department of Education.
Berkeley, T.R.; Lipinski, T.A.

Bellingham, Wash. : National Rural Project.
Rural special education quarterly v. 10 (4): p. 18-20; 1991.

Language: English

Descriptors: U.S.A.; Special education; Rural areas; Educational programs; Interviews; Legislation; Government organizations

110 NAL Call No: HT401.S72
Institutional foundations for educational improvement in the South.
Deaton, B.
Mississippi State, Miss. : The Center.
SRDC series - Southern Rural Development Center (81): p. 83-91; 1986 Apr. Paper presented at Conference on "Emerging issues in the rural economy of the South" January 13-14, 1986, Birmingham, Alabama. Includes references.

Language: English

Descriptors: South eastern states of U.S.A.; South central states of U.S.A.; Educational institutions; Educational programs; Fiscal policy; Rural economy; Educational reform; Technical progress; Experience; Learning experiences; Learning theories

111 NAL Call No: LC5146.R87
Instructional supervision in special education: strategies for rural programs.
Billingsley, B.S.; Jones, P.R.
Las Cruces, NM : New Mexico State University.
Rural special education quarterly v. 12 (2): p. 3-9; 1993. Includes references.

Language: English

Descriptors: U.S.A.; Special education; Supervision; Rural areas; Educational programs; Educational planning

112 NAL Call No: LB1567.J68
Integrating math and computer learning through an early childhood school-home approach.
Swick, K.J.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 5 (2): p. 9-17; 1992. Includes references.

Language: English

Descriptors: South Carolina; Early childhood education; Mathematics; Computer techniques; Technology; Curriculum; Educational programs; Rural areas; Public schools

113 NAL Call No: HE5633.N7N4
Integrating school transportation resources into coordinated rural public transportation programs a proposal to increase access by rural transportation disadvantaged persons to needed services.
New York (State). Legislature. Legislative Commission on Rural Resources
Albany, N.Y. : The Commission,.
i, 17 p. ; 28 cm. April 1988. Bibliography: p. 17.

Language: English

Descriptors: Rural transit; New York (State); Management; School children; New York (State); Transportation; Management; Transportation; Law and legislation; New York (State)

114 NAL Call No: LB1567.J68
Introduction: special issue on education and economics in rural America.
Howley, C.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 5 (1): p. 2; 1992. In the special issue on education an economics in rural America / edited by C. Howley.

Language: English

Descriptors: U.S.A.; Education; Economic growth; Rural areas; Schools

115 NAL Call No: HD1751.C45
Investments in rural education can mean higher incomes, but in the cities.
Carlin, T.; Ross, P.
Merrifield, Va. : American Agricultural Economic Association.
Choices : the magazine of food, farm and resource issues v. 2 (4): p. 22-23; 1987.

Language: English

Descriptors: U.S.A.; Rural economy; Investment; Educational policy; Income distribution; Rural urban relations

116 NAL Call No: 442.8 Z34
Isolation and characterization of novel nodulin cDNAs representig genes expressed at early stages of soybean nodule development.
Kouchi, H.; Hata, S.
Berlin, W. Ger. : Springer International.
M G G : Molecular and general genetics v. 238

(1/2): p. 106-119; 1993 Apr. Includes references.

Language: English

Descriptors: Glycine max; Bradyrhizobium japonicum; Complementary DNA; Nodulins; Nucleotide sequences; Amino acid sequences; Root nodules; Cell differentiation; Gene expression; Messenger RNA; Spatial distribution; Roots; Epidermis; Stems

Abstract: We took advantage of a subtractive hybridization procedure to isolate a set of cDNA clones of nodule-specific genes (nodulin genes) from developing soybean root nodules. Single-stranded 32P-labelled cDNA synthesized from nodule poly(A)+ RNA was hybridized with a large excess of uninfected root poly(A)+ RNA. Unhybridized cDNA was selected and used to screen nodule cDNA libraries. By this procedure we isolated several novel nodulin cDNA clones together with most of the nodulin cDNAs previously described. Four novel nodulin genes, which were expressed long before the onset of nitrogen fixation, were further characterized. GmN 6 and GmN 3 transcripts appeared in the roots less than 3 days after sowing and inoculation with Bradyrhizobium, but GmN 6 transcripts were also detected at very low levels in the stems of uninfected plants. Transcripts of GmN 15 and GmN 0 first appeared at 6-7 days, just before nodule emergence. Amino acid sequences of the predicted products of GmN 6, GmN 3 and GmN 0 exhibited no significant homology to proteins identified so far. The GmN 15 encoded protein has a limited but significant homology to some plant cyanins, suggesting that it is a metal-binding glycoprotein. In situ hybridization studies revealed that GmN 6 transcripts first appeared in the pericycle cells of the root stele near the infected site. During nodule emergence they were found in a few cell layers surrounding the vascular strands connecting the nodule meristem with the root stele, and in mature nodules they were present specifically in the pericycle cells in vascular bundles. These observations led us to hypothesize that GmN 6 gene products play a role in the transport and/or degradation of photosynthate. On the other hand, GmN 3 transcripts first appeared in the primary nodule meristem just below the root epidermis. In mature nodules they were only present in the infected cells.

117 NAL Call No: QK710.P62

Isolation and characterization of three families of auxin down-regulated cDNA clones.

Datta, N.; LaFayette, P.R.; Kroner, P.A.; Nagao, R.T.; Key, J.L.

Dordrecht : Kluwer Academic Publishers.

Plant molecular biology : an international journal on molecular biology, biochemistry and genetic engineering v. 21 (5): p. 859-869; 1993 Mar. Includes references.

Language: English

Descriptors: Glycine max; Complementary DNA; Multigene families; Gene expression; Genetic regulation; Auxins; Nucleotide sequences; Amino acid sequences; Light; Plant proteins; Transcription; Messenger RNA; Plant development

Abstract: Five cDNA clones (ADR6, ADR11-1, ADR11-2, ADR12-1 and ADR12-2), representing three families of auxin down-regulated (ADR) genes were isolated and characterized. These were isolated by screening a lambdaZap cDNA library with the partial cDNA clones p6, p11 and p12, isolated earlier (Baulcombe and Key, J Biol Chem 255: 8907-8913, 1980). Hybrid-select translation of ADR6, ADR11-2 and ADR12-2 clones produced polypeptides of 33 kDa 22.5 kDa and a 6 and 7 kDa respectively, when analyzed by SDS-PAGE. ADR6 and ADR12-2 gave one and two spots, respectively, on an IEF-SDS 2D gel. ADR11-2 probably encodes a basic protein as it was only resolved on non-equilibrium pH gradient gel electrophoresis (NEPHGE). Genomic Southern blot analysis of ADR6, ADR11 and ADR12 suggests that each represents a small multigene family. The RNA levels corresponding to ADR6, ADR11 and ADR12 decrease in response to applied auxin by 100-, 15- and 10-fold, respectively (Baulcombe and Key, 1980). Runoff transcription, done in the presence and absence of auxin, showed that the rate of transcription of the genes corresponding to ADR6, ADR11-2 and ADR12-2 was reduced in the presence of auxin, but the decrease was small relative to the decrease in the cytoplasmic levels of these mRNAs, in response to auxin. A comparative analysis of the influence of auxin on in vitro transcription and steady state RNA levels corresponding to these ADR cDNAs suggests that the decrease in rate of transcription due to auxin is not enough to account for the auxin-induced decrease in the steady state levels. Northern analysis showed developmental and organ/tissue-specific response of these ADR genes. Furthermore, the expression of the genes corresponding to ADR6 and ADR12-1 appears to be up-regulated by light, whereas the gene corresponding to ADR11 appears to be down-regulated by light.

118 NAL Call No: 79.8 W41
Jointed goatgrass (Aegilops cylindrica) ecology and interference in winter wheat.
Anderson, R.L.
Champaign, Ill. : Weed Science Society of America.
Weed science v. 41 (3): p. 388-393; 1993 Jul. Includes references.

Language: English

Descriptors: Triticum aestivum; Aegilops cylindrica; Weed biology; Crop weed competition; Phenology; Emergence; Plant development; Water uptake; Growth rate; Cultural weed control; Crop yield; Yield losses

Abstract: Jointed goatgrass is a serious weed in winter wheat, and presently no herbicides are available for its selective control. This study examined the effect of time of emergence and removal on jointed goatgrass interference in winter wheat, as well as its rate of development and soil water extraction. The goal of this study was to suggest cultural practices that minimize jointed goatgrass interference in winter wheat. Jointed goatgrass development was identical to 'Vona' winter wheat in two crop seasons, even though precipitation differed drastically between seasons. Depth of soil water extraction of both species was also similar. Jointed goatgrass at 18 plantsm-2 reduced grain yield 27 and 17% when emerging 0 and 42 d after Vona, respectively. The relationship between time of jointed goatgrass emergence after winter wheat and grain yield loss was Y = 30.6 - 0.29X (X = days, r = 0.72), indicating that plants emerging in late fall still caused yield loss. Removing jointed goatgrass by early March prevented winter wheat grain yield loss. The interference data suggests that producers assess infestation levels and plan control measures in early March.

119 NAL Call No: HC107.A13A6
Kentucky education reform: schools held responsible and accountable.
Wilkinson, W.G.
Washington, D.C. : Appalachian Regional Commission.
Appalachia v. 23 (3): p. 7-9. ill; 1990.

Language: English

Descriptors: Kentucky; Educational objectives; Educational reform; Public schools; Rural communities; Teaching methods; State government; Courts

120 NAL Call No: LC5146.H65
Knowledge-based rural development adult education and the future rural economy.
Hobbs, Daryl J.
S.l. : s.n.,.
[12 p.] ; 28 cm. Cover title. This paper was commissioned for the National Invitational Conference on Rural Adult Postsecondary Education in Airlie, Virginia, September 7-9, 1986. Bibliography: p. [11-12].

Language: English

Descriptors: Education, Rural; Adult education; Rural development

121 NAL Call No: 275.28 J82
Legal education to arrest delinquency.
Stitsworth, M.H.; Brown, C.L.
Madison, Wis. : Extension Journal.
Journal of extension v. 30: p. 22-23; 1992. Includes references.

Language: English

Descriptors: Indiana; Youth; Risk; Youth programs; Attitudes; Delinquent behavior; Prevention; Educational programs; Law; Decision making; Curriculum; Program effectiveness; Rural youth; Urban population; Extension

122 NAL Call No: LC5805.L55 1989
Linking for learning a new course for education.
United States, Congress, Office of Technology Assessment
Washington, D.C. : Congress of the U.S., Office of Technology Assessment : For sale by the Supt. of Docs., U.S. G.P.O.,.
vi, 183 p. : ill. ; 26 cm. Shipping list no.: 89-775-P. "November 1989", P. [4] of cover. "OTA-SET-430", P. [4] of cover. S/N 052-003-01170-1. Item 1070-M. Includes bibliographical references.

Language: English

Descriptors: Distance education; Telecommunication in education; Television in education; Educational technology; Education and state

123 NAL Call No: LB1044.866.L56 1989
Linking for learning a new course for education : summary.
United States, Congress, Office of Technology Assessment
Washington, D.C. : Congress of the U.S., Office of Technology Assessment; Y 3.T 22/2:2 L 47/sum.
v, 19 p. : ill. ; 27 cm. Shipping list no.: 89-787-P.

"November 1989", P. [4] of cover. "OTA-SET-439", P. [4] of cover. Includes bibliographical references.

Language: English

Descriptors: Distance education; Telecommunication in education; Education and state

124 NAL Call No: LC5146.R872
A local school perspective.
Jess, J.D.
Washington, D.C. : Educational Networks Div, Off of Educ Res & Improv, U.S. Dept. of Educ.
Rural education : a changing landscape. p. 43-46; 1989.

Language: English

Descriptors: Illinois; Iowa; Michigan; Minnesota; Ohio; Wisconsin; Rural communities; Community education; Rural economy; Trends; Local authority areas

125 NAL Call No: LC5146.R47
Mapping the research task for the construction of a federal system for classifying the nation's rural school districts.
Stephens, E.R.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 8 (3): p. 3-28, 69-73; 1992. In the special issue: Toward the construction of a federal policy-impact code for a classifying the nation's rural school districts. Responses by P.M. Nachtigal, p. 69-70, and R.D. Bhaerman, p. 71-73. Includes references.

Language: English

Descriptors: U.S.A.; Public schools; Rural areas; Educational policy; Federal government; Educational research; Classification

126 NAL Call No: LC5146.R872
The McREL approach to rural school improvement.
Nachtigal, P.M.
Washington, D.C. : Educational Networks Div, Off of Educ Res & Improv, U.S. Dept. of Educ.
Rural education : a changing landscape. p. 69-73; 1989.

Language: English

Descriptors: North central states of U.S.A.; South central states of U.S.A.; Rural communities; Community education; Educational reform; Guidelines; Program development; Laboratories; Regional planning

127 NAL Call No: LC5146.R87
Medical-educational liaison: a valuable resource for rural educators.
Rawlins, P.; Stephens, P.
Las Cruces, NM : New Mexico State University.
Rural special education quarterly v. 11 (3): p. 43-47; 1992. Includes references.

Language: English

Descriptors: Kansas; School children; Special education; Health services; Educational programs

128 NAL Call No: 275.28 J82
Microcomputers in distance education.
Fulton, J.R.
Madison, Wis. : Extension Journal.
Journal of extension v. 30: p. 17-18; 1992. Includes references.

Language: English

Descriptors: Saskatchewan; Non-formal education; Distance teaching; Telecommunications; Computer techniques; Case studies; Learning experiences

129 NAL Call No: LC5146.R87
A model for training early childhood special educators in rural settings.
Watson, A.L.; Bennett, T.
Las Cruces, NM : New Mexico State University.
Rural special education quarterly v. 12 (1): p. 15-22; 1993. Includes references.

Language: English

Descriptors: North Carolina; Preschool teachers; Early childhood education; Teacher training; Rural areas; Models; Program evaluation

130 NAL Call No: LB1567.J68
National and local economic structures: conflicting view of rural education.
Howley, C.B.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 5 (1): p. 22-29; 1992. In the special issue on education an economics in rural America / edited by C. Howley. Includes references.

Language: English

Descriptors: U.S.A.; Education; Rural areas; Eco-

nomic theory; Neoclassical economics; Politics; Human resources; Resource development

131 NAL Call No: LC5251.N37 1986
National Invitational Conference on Rural Adult Postsecondary Education proceedings 1986. (Proceedings 1986.)
National Invitational Conference on Rural Adult Postsecondary Education 1986 : Airlie, Va.
Manhattan, Kan.? : Kansas State University, 1986?
20 p. ; 28 cm. September 7-9, 1986, Airlie, Virginia.

Language: English

Descriptors: Adult education

132 NAL Call No: HC107.A13A6
Networking works for eastern Kentucky teachers.
Casto, J.E.
Washington, D.C. : Appalachian Regional Commission.
Appalachia v. 24 (1): p. 22-25. ill; 1991.

Language: English

Descriptors: Kentucky; Teacher training; Teaching methods; Rural areas; Teaching skills

133 NAL Call No: HN90.C6P8
New alliances for community education and technical assistance in rural America.
Pulver, Glen
National Governors' Association, Task Force on Rural Development
Washington, D.C. : National Governors' Association,.
21 p. ; 28 cm. (New alliances for rural America). "Background paper submitted to the Task Force on Rural Development.", Cover. Bibliography: p. 21.

Language: English

Descriptors: United States; Rural conditions; United States; Economic policy; 1981-; Rural development; United States; Technical assistance; United States; Education, Rural; United States

134 NAL Call No: S544.3.G4N49 1990
New educational delivery systems focus on rural Georgia.
Fort Valley State College (Ga.), Cooperative Extension Program
Fort Valley, Ga. : [Cooperative Extension Program], Fort Valley State College, [1990?].
10 p. : col. ill. ; 28 cm. Cover title.

Language: English

Descriptors: Rural extension; Agricultural education

135 NAL Call No: HT401.S72
A niche for extension entrepreneurship education for youth.
Reda-Wilson, K.J.
Mississippi State, Miss. : The Center.
SRDC series - Southern Rural Development Center (130): p. 43-47; 1990 Jun. Paper presented at a Regional Conference: "Revitalizing the Rural South: Extension's Role in Enhancing the Quality of Life," January 16-18, 1990, Birmingham, Alabama. Includes references.

Language: English

Descriptors: Virginia; Rural development; Entrepreneurship; Extension education; Educational programs; Case studies

136 NAL Call No: aHN90.C6R78
Nonmetro youths lagging in education.
Swanson, L.L.; McGranahan, D.A.
Washington, D.C. : U.S. Department of Agriculture, Economic Research Service.
Rural development perspectives : RDP v. 5 (3): p. 36-37; 1989 Jun.

Language: English

Descriptors: U.S.A.; Rural youth; Educational attendance; School leavers; College students; Population dynamics

137 NAL Call No: LC5145.M22
Notes toward the establishment of educational partnerships in rural communities.
McLaurin, Sylvia; Coker, Robert
S.l. : s.n. :.
[9] p. ; 28 cm. Cover title. This paper was commissioned for the National Invitational Conference on Rural Adult Postsecondary Education in Airlie, Virginia, September 7-9, 1986.

Language: English

Descriptors: Education, Rural

138 NAL Call No: LC5146.R87
Occupational stress levels among rural teachers in the areas of mental retardation, learning disabilities, and emotional conflict.
Russell, T.; Wiley, S.
Las Cruces, NM : New Mexico State University.

Rural special education quarterly v. 12 (2): p. 30-40; 1993. Includes references.

Language: English

Descriptors: Southern states of U.S.A.; Teachers; Mental stress; Mental retardation; Learning disabilities; Emotional disturbances; Rural areas; Special education

139 **NAL Call No: 275.9 N213**
Off-campus instructor successfully teaches course with two-way system.
Worley, T.; Casavant, K.
Urbana, Ill. : National Association of Colleges and Teachers of Agriculture.
NACTA journal v. 36 (2): p. 35-38; 1992 Jun.

Language: English

Descriptors: Washington; Distance teaching; Marketing; Agricultural education; Telecommunications; Educational courses; Case studies

140 **NAL Call No: 100 OH3S**
The Ohio rural school as viewed by community leaders.
McCracken, J.D.
Wooster, Ohio : The Center.
Special circular - Ohio Agricultural Research and Development Center (138): p. 8-9; 1991 Apr. Includes references.

Language: English

Descriptors: Ohio; Rural areas; Public schools; Rural communities

141 **NAL Call No: LC5146.R47**
The organizational socialization of rural high school principals: teacher influences.
Hurley, J.C.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 8 (2): p. 20-31; 1992. Includes references.

Language: English

Descriptors: U.S.A.; Management; Public schools; High schools; Socialization; Rural areas; Leadership; Behavior; Teachers

142 **NAL Call No: HC107.A13A6**
Overcoming barriers. 2.
Washington, D.C. : Appalachian Regional Commission.
Appalachia v. 25 (1): p. 30-31; 1992.

Language: English

Descriptors: U.S.A.; Educational television; Telecommunications; Rural areas; Distance teaching

143 **NAL Call No: LB1567.J68**
An overview of the research on school district consolidation.
Streifel, J.S.; Holman, D.; Foldesy, G.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 5 (6): p. 34-39; 1992. Includes references.

Language: English

Descriptors: U.S.A.; Public schools; Mergers; Rural communities; Literature reviews

144 **NAL Call No: S530.A4**
Participant motivation in off-campus agricultural credit programs.
Miller, B.E.
Carbondale, Ill. : American Association of Teacher Educators in Agriculture.
Journal of agricultural education v. 33 (2): p. 2-9; 1992. Includes references.

Language: English

Descriptors: Iowa; Distance teaching; Agricultural education; Motivation; Educational programs; Program participants; Demography; Universities

145 **NAL Call No: 100 OH3S**
Participation in vocational education by rural public high school students.
Elliot, J.; McCracken, J.D.
Wooster, Ohio : The Center.
Special circular - Ohio Agricultural Research and Development Center (138): p. 27-28; 1991 Apr. Includes references.

Language: English

Descriptors: Ohio; Rural areas; High school students; Vocational training

146 **NAL Call No: LC5146.R87**
Peer collaboration as a means to facilitate collegial support to reduce teacher isolation and facilitate classroom problem-solving in rural areas.
Johnson, L.J.; Pugach, M.C.; Cook, R.
Las Cruces, NM : New Mexico State University.
Rural special education quarterly v. 12 (2): p. 21-26; 1993. Includes references.

Language: English

Descriptors: U.S.A.; Handicapped children; Teachers; Peer relationships; Teaching methods; Rural areas; Cooperation

147 NAL Call No: LC5146.R47
A persistent challenge: staffing special education programs in rural schools.
Theobald, N.D.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 7 (3): p. 39-50; 1991. Includes references.

Language: English

Descriptors: Washington; Special education; Personnel; Rural areas; Labor turnover; Teachers; Surveys; Educational programs

148 NAL Call No: HN90.C6T4
A portfolio of community college initiatives in rural economic development.
Thomas, Margaret G.
United States, Economic Development Administration, Office of Technical Assistance and Research Division, Midwest Research Institute (Kansas City, Mo.)
Washington, D.C. : U.S. Dept. of Commerce, Economic Development Administration ; Kansas City, MO : Midwest Research Institute,.
1 v. (various pagings) ; 28 cm. Prepared for U.S. Department of Commerce, Econnomic Development Administration, Technical Assistance and Research Division. April 1989.

Language: English

Descriptors: United States; Rural condition; Rural development projects; United States; Rural development; United States

149 NAL Call No: S95.E2
Preserving schools in rural communities.
Monk, D.H.
Ithaca, N.Y. : New York Agric. Exp. Stations and New York State College of Agric. & Life Sciences.
New York's food and life sciences quarterly v. 20 (1/2): p. 22-25; 1990. Includes references.

Language: English

Descriptors: New York; Rural communities; Public schools

150 NAL Call No: HV5808.J68
Prevalence and correlates of alcohol use in a survey of rural elementary school students: the New Hampshire Study.
Stevens, M.; Youells, F.; Whaley, R.; Linsey, S.
Amityville, N.Y. : Baywood Publishing Company.
Journal of drug education v. 21 (4): p. 333-347; 1991. Includes references.

Language: English

Descriptors: New Hampshire; Substance abuse; Alcoholic beverages; School children; Elementary education; Rural areas; Attitudes; Family environment; Peer influence; Self perception; Beliefs; Surveys; Age differences; Sex differences

Abstract: Alcohol use by 1190 fourth, fifth and sixth grade students was assessed in a survey of four rural New Hampshire school districts. Half the students surveyed (596) drank, but not regularly; 5 percent (59) were regular drinkers, and an additional 2 percent (19) were regular drinkers and had been drunk at least once. Reported alcohol use increased with both grade and age, and males drank more than females. The child's attitude towards drinking, perceived family attitudes towards drinking, the number of drinking friends, and self-perceived wrongdoing by the child were four factors strongly related to alcohol use. Increased alcohol use was also associated with experimental and current use of cigarettes, marijuana, and smokeless tobacco.

151 NAL Call No: HT401.R94
Priorities for rural education.
Christenson, J.A.
University Park, Pa. : Rural Sociological Society.
The Rural sociologist v. 7 (3): p. 225-228; 1987 May. Includes references.

Language: English

Descriptors: U.S.A.; Rural communities; Schools; Educational programs; Diffusion of research; Innovations

152 NAL Call No: LC5215.P7
Proceedings 1985 : serving the rural adult : four regional conferences, February 17-19, Lexington, Kentucky, March 10-12, Logan, Utah, April 22-24, Sioux Falls, South Dakota, May 5-7, Skytop, Pennsylvania.
Action Agenda for Rural Adult Postsecondary Education
Manhattan, Kan. : Kansas State University,

[1985?].
1 v. (unpaged) ; 28 cm. Cover title.

Language: English

Descriptors: Adult education; Education, Rural

153 NAL Call No: HQ1.J86
The process of educational and occupational attainment of adolescent females from low-income, rural families.
Wilson, S.M.; Peterson, G.W.; Wilson, P.
Minneapolis, Minn. : National Council on Family Relations.
Journal of marriage and the family v. 55 (1): p. 158-175; 1993 Feb. Includes references.

Language: English

Descriptors: Southwestern states of U.S.A.; Cabt; Adolescents; Girls; Economically disadvantaged; Rural areas; Academic achievement; Occupational status; Family environment; Socioeconomic status; Psychological factors; Socialization; Parents; Attitudes; Longitudinal studies

154 NAL Call No: LC5146.R47
A programmatic viability model for planning rural school district organizations.
Sederberg, C.H.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 7 (3): p. 29-37; 1991. Includes references.

Language: English

Descriptors: Minnesota; Rural communities; Educational planning; Program development; Models; Pilot projects; Educational reform; Educational research

155 NAL Call No: LC5146.R87
Project NETWORC: a distance learning model in early childhood special education.
Royce, P.; Cummings, R.
Bellingham, Wash. : National Rural Project.
Rural special education quarterly v. 10 (4): p. 2-4; 1991. Includes references.

Language: English

Descriptors: Nevada; Handicapped children; Early childhood education; Special education; Rural communities; Distance teaching; Educational programs; Telecommunications

156 NAL Call No: SB732.6.M65
pSym nod gene influence on elicitation of peroxidase activity from white clover and pea roots by rhizobia and their cell-free supernatants.
Salzwedel, J.L.; Dazzo, F.B.
St. Paul, Minn. : APS Press.
Molecular plant-microbe interactions : MPMI v. 6 (1): p. 127-134; 1993 Jan. Includes references.

Language: English

Descriptors: Trifolium repens; Pisum sativum; Rhizobium trifolii; Rhizobium leguminosarum; Peroxidase; Enzyme activity; Roots; Root hairs; Gene expression; Plasmids; Plant; Nodulation; Peroxidases

157 NAL Call No: HD1773.A3N6
Public school resources in rural communities: an examination of size economies in Eastern Nebraska public school districts.
Forsythe, K.W. Jr; Yanagida, J.F.; Johnson, B.B.
Columbus, Ohio : Ohio State University.
North Central journal of agricultural economics v. 10 (2): p. 293-299; 1988 Jul. Includes references.

Language: English

Descriptors: Nebraska; Rural communities; Public services; Schools; Costs; Economies of scale; Quality; Economic resources; Educational resources; Time series; Cross sectional analysis; Covariance

158 NAL Call No: LB1567.J68
PYC alternative school: a small public and private partnership with implications for rural at-risk youth.
Long, J.; Rutter, R.A.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 5 (6): p. 23-28; 1992.

Language: English

Descriptors: Minnesota; Rural youth; School leavers; Risk; Educational programs; Teachers; Social services; Curriculum; Costs; Public sector; Private sector; Partnerships

159 NAL Call No: HD1755.H86
Quality education, agriculture and rural development.
Perkins, J.H.
Tuskegee, Ala. : Tuskegee University, Human Resources Development Center.
Human resources development in rural America :

myth or reality / editor, Thomas T. Williams. p. 74-81; 1986.

Language: English

Descriptors: U.S.A.; Rural development; Agricultural structure; Structural change; Agricultural education; Educational programs; Quality; Social policy

160 NAL Call No: 275.29 W27Pn
Red sorrell, Rumex acetosella L.
Fitzsimmons, J.P.; Burrill, L.C.
Corvallis, Or. : Washington, Oregon, and Idaho State Universities, Cooperative Extension Service.
PNW (446): 2 p.; 1993 Mar. In subseries: Weeds.

Language: English

Descriptors: Rumex acetosella; Identification; Toxicity; Chemical vs. cultural weed control

161 NAL Call No: LC5146.R4
Redesigning rural education ideas for action.
Mid-continent Regional Educational Laboratory
Aurora, Colo. : Mid-continent Regional Educational Laboratory, [1987?].
20 p. ; 28 cm. Cover title.

Language: English

Descriptors: Education, Rural; United States

162 NAL Call No: LB1567.J68
Reform in mathematics education: What's a rural or small school to do?
Johnson, J.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 5 (2): p. 3-8; 1992. Includes references.

Language: English

Descriptors: U.S.A.; Mathematics; Educational reform; Public schools; Rural areas; Standards; Educational planning; Teachers

163 NAL Call No: LB1567.J68
The regular education initiative: let's share the discussion in rural and small schools.
Dodd, J.M.; Nelson, J.R.; Dennigan, D.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 5 (6): p. 40-44; 1992. Includes references.

Language: English

Descriptors: U.S.A.; Public schools; Rural areas; Communication; Special education; Educational programs; Educational planning

164 NAL Call No: LC5146.R47
Report from Alaska.
Cadigan, J.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 9 (1): p. 32-34; 1993. In the special issue: Telecommunication and Rural Schools: the TERC LabNetwork.

Language: English

Descriptors: Alaska; Mathematics; Science education; Telecommunications; Distance teaching; Computer assisted instruction

165 NAL Call No: HN79.A14R87
The response of public institutions to the changing educational needs of rural areas.
Pulver, G.C.
Ames, Iowa : North Central Regional Center for Rural Development.
Rural development news v. 14 (6): p. 16, 18; 1990 Dec. Paper presented at the Third Annual Meeting of the National Rural Studies Committee, May 17-19, 1990, Cedar Falls, Iowa.

Language: English

Descriptors: U.S.A.; Rural development; Development policy; Infrastructure; Institution building

166 NAL Call No: LC5146.R47
A review of the qualitative research on multigrade instruction.
Miller, B.A.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 7 (2): p. 3-12; 1991. Includes references.

Language: English

Descriptors: U.S.A.; Teaching methods; Teachers; Schools; Rural areas; Literature reviews; Teaching skills

167 NAL Call No: HT101.S52
The role of rural fine arts colleges in the age of electronic culture.
Barnes, S.H.
Ellensburg, Wash. : Small Towns Institute :.
Small town v. 18 (5): p. 14-21. ill; 1988 Mar.

Language: English

Descriptors: New Mexico; Rural areas; Colleges; Fine arts; Cultural heritage; Educational programs; Case studies

168 NAL Call No: LC1045.J36
The role of vocational education in rural America.
Jansen, Duane G.
National Center for Research in Vocational Education (U.S.)
Columbus, Ohio : National Center for Research in Vocational Education, Ohio State University,.
viii, 29 p. ; 28 cm. (Information series (National Center for Research in Vocational Education (U.S.)) ; no. 328.). Includes bibliographical references (p. 27-29).

Language: English

Descriptors: Vocational education; United States

169 NAL Call No: HN90.C6N4
Rural community colleges: venture team for success.
Sharples, D.K.
Washington, D.C. : U.S. G.P.O. : for sale by the Supt of Docs, Congressional Sales Off.
New dimensions in rural policy : building upon our heritage : studies prepared for the use of the Subcommittee on Agriculture and Transportation of the Joint Economic Committee, Congress of the United States. p. 445-449; 1986. (S. prt. ; 99-153).

Language: English

Descriptors: U.S.A.; Rural communities; Colleges; Rural development; Diversification; Roles; Vocational training

170 NAL Call No: aHN90.C6R78
Rural counties lead urban in education spending, but is that enough?
Jansen, A.
Washington, D.C. : U.S. Department of Agriculture, Economic Research Service.
Rural development perspectives : RDP v. 7 (1): p. 8-14. ill; 1990-1991. Includes references.

Language: English

Descriptors: U.S.A.; Rural communities; Local government; Rural urban relations; Public expenditure; Education; State government; Public schools

171 NAL Call No: LB1033.C3
The rural crisis comes to school.
Carlson, Gail
Jefferson City, Mo? : University Extension, University of Missouri, Lincoln University,.
[4] p. : ill. ; 28 cm. Caption title. Ep 285. "October 1987", P. [4].

Language: English

Descriptors: Teacher-student relationships; Stress in children; Stress in adolescence; Rural schools

Abstract: This guide is intended to be used with teachers, school administrators, or others in helping professions who need to understand the impact of stress on children and teenagers. The guide can be used alone or in conjunction with the Iowa-produced video of the same name. The guide provides information on symptoms of children and teens under stress, creating a caring atmosphere, listening skills, and school activities to help relieve stress.

172 NAL Call No: LB1567.N3
Rural development the role of the public schools.
Nachtigal, Paul C.; Hobbs, Daryl J.,
National Governors' Association, Task Force on Rural Development
Washington, D.C. : National Governors' Association,.
36 p. ; 28 cm. (New alliances for rural America). "Background paper submitted to the Task Force on Rural Development.", Cover. Includes bibliographical references (p. 35-36).

Language: English

Descriptors: Rural schools; United States; Rural development; United States

173 NAL Call No: LC5146.R47
Rural distress and survival: the school and the importance of "Community".
Miller, B.A.
Orono, Me. : College of Education, University of Maine, 1991-.
Journal of research in rural education v. 9 (2): p. 84-103; 1993. Includes references.

Language: English

Descriptors: Idaho; Cabt; Public schools; Rural communities; Community development; Economic impact; Educational programs

174 NAL Call No: HN90.C6N4
Rural economies, tax structures, and meeting the demand for state-local government services: a

focus on local schools.
Chicoine, D.L.; Hoke, G.A.
Washington, D.C. : U.S. G.P.O. : for sale by the Supt of Docs, Congressional Sales Off.
New dimensions in rural policy : building upon our heritage : studies prepared for the use of the Subcommittee on Agriculture and Transportation of the Joint Economic Committee, Congress of the United States. p. 450-460; 1986. (S. prt. ; 99-153). Includes statistical data. Includes references.

Language: English

Descriptors: U.S.A.; Rural economy; Direct taxation; Local government; State government; Structural change; Social services; Schools; Public finance

175 **NAL Call No: LC5146.R872**
Rural education a changing landscape. (Rural education, a changing landscape.)
United States, Office of Educational Research and Improvement, Educational Networks Division
Washington, D.C. : Educational Networks Division, Office of Educational Research and Improvement, U.S. Dept. of Education,.
viii, 77 p. : ill. ; 22 x 28 cm. "The Department of Education's Office of Educational Research and Improvement (OERI) sponsored a national symposium on rural education in the spring of 1987", P. iii. "May 1989", T.p. verso. "PIP 89-840", P. [4] of cover. Includes bibliographies.

Language: English

Descriptors: Education, Rural; United States; Congresses; Rural youth; Education; United States; Congresses

176 **NAL Call No: LB1567.J68**
Rural education: a kinder gentler world.
Lutz, F.W.; Lutz, S.B.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 5 (1): p. 48-55; 1992. In the special issue on education an economics in rural America / edited by C. Howley. Includes references.

Language: English

Descriptors: U.S.A.; Educational policy; Schools; Rural communities; Case studies

177 **NAL Call No: LC5146.R872**
Rural education and the reform movement.
Forbes, R.H.
Washington, D.C. : Educational Networks Div, Off of Educ Res & Improv, U.S. Dept. of Educ.
Rural education : a changing landscape. p. 37-41; 1989.

Language: English

Descriptors: U.S.A.; Rural communities; Community education; Educational reform; Regional planning

178 **NAL Call No: HN79.A14R87**
Rural education in a period of transition: are public schools up to the task?
Nachtigal, P.
Ames, Iowa : North Central Regional Center for Rural Development.
Rural development news v. 14 (6): p. 14-15; 1990 Dec. Paper presented at the Third Annual Meeting of the National Rural Studies Committee, May 17-19, 1990, Cedar Falls, Iowa.

Language: English

Descriptors: Education; Public schools; Rural communities; Rural urban relations

179 **NAL Call No: LC5146.R872**
Rural education reform and rural youth in the United States: some thoughts with special reference to the South.
Howell, F.M.
Washington, D.C. : Educational Networks Div, Off of Educ Res & Improv, U.S. Dept. of Educ.
Rural education : a changing landscape. p. 9-16; 1989. Includes references.

Language: English

Descriptors: South eastern states of U.S.A.; South central states of U.S.A.; Rural communities; Community education; Educational reform; Rural youth; Roles; Social change

180 **NAL Call No: HD77.5.U5N37 1987**
Rural school improvement: bigger or better?
Hobbs, D.
Lexington, KY : Council of State Governments.
States' agenda for rural economic development : proceedings of the first National Conference on States' Rural Economic Development held in Lexington, Kentucky, October 5-7, 1987. p. 29-36; 1988. Includes references.

Language: English

Descriptors: U.S.A.; Rural communities; Educa-

tional programs; Economic development; Rural development; Educational reform; Innovations; Educational policy

181 NAL Call No: LC5146.R47
A rural school/community: a case study of a dramatic turnaround and its implications for school improvement.
Carlson, R.V.
Orono, Me. : College of Education, University of Maine.
Research in rural education v. 7 (1): p. 23-33; 1990. Includes references.

Language: English

Descriptors: Vermont; Schools; Rural communities; Educational reform; Case studies; Behavior modeling

182 NAL Call No: HD2346.U5R8
Rural school-based enterprise program promotes entrepreneurship.
Menomonee Falls, Wis. : The Journal.
Rural enterprise v. 3 (4): p. 14; 1989.

Language: English

Descriptors: North Carolina; Entrepreneurship; Educational programs; Community development; Partnerships; Small businesses

183 NAL Call No: HV85.H85
Rural special education options.
Kelker, K.; Garthwait, C.; Seligman, M.
Cheney, WA : Eastern Washington University.
Human services in the rural environment v. 15 (3): p. 14-17; 1992. Includes references.

Language: English

Descriptors: Montana; Children; Handicapped persons; Special education; Rural areas

184 NAL Call No: LC5146.R47
The rural teacher in the early 1900s: sentimental image and hard reality.
Manke, M.P.
Orono, Me. : College of Education, University of Maine, 1991-.
Journal of research in rural education v. 9 (2): p. 57-65; 1993. Includes references.

Language: English

Descriptors: U.S.A.; Cabt; Teachers; Rural areas; Characteristics; Management; Management skills; History; Qualifications

185 NAL Call No: LB1567.J68
A rural teacher preparation program designed to socialize students to the role of teacher.
Perry, C.M.; Rog, J.A.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 4 (1): p. 18-22; 1989. Includes references.

Language: English

Descriptors: Maine; Teacher training; Socialization; Team teaching; College students; Universities; Rural areas; Educational programs

186 NAL Call No: HD77.5.U5N37 1987
Rural vocational education for a technological future.
Rosenfeld, S.A.
Lexington, KY : Council of State Governments.
States' agenda for rural economic development : proceedings of the first National Conference on States' Rural Economic Development held in Lexington, Kentucky, October 5-7, 1987. p. 21-28. ill., maps; 1988.

Language: English

Descriptors: U.S.A.; Vocational training; Educational programs; Human resources; Resource development; Technology; Socioeconomic status; Goats; Models; Rural environment; Rural economy

187 NAL Call No: LC5146.R87
Satellite delivery of graduate courses for teachers of gifted students.
Savage, L.B.
Bellingham, Wash. : National Rural Project.
Rural special education quarterly v. 10 (4): p. 29-34; 1991. Includes references.

Language: English

Descriptors: West Virginia; Special education; Teacher training; Graduate study; Rural areas; Curriculum; Objectives; Telecommunications

188 NAL Call No: LC5146.R47
School, classroom, and student level indicators of rural school effectiveness.
Stringfield, S.; Teddlie, C.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 7 (3): p. 15-28; 1991. Includes references.

Language: English

Descriptors: Elementary schools; Efficiency; Rural communities; Methodology; Indicators; Case studies; Educational research; Rural urban relations

189 NAL Call No: aHD1401.A2U52
School systems vital to rural development.
Glynn, P.
Washington, D.C. : The Service.
Farmline - U.S. Department of Agriculture, Economic Research Service v. 11 (8): p. 8-11; 1990 Aug.

Language: English

Descriptors: U.S.A.; Schools; Roles; Rural development; Rural economy

190 NAL Call No: LC5146.R87
A school-based enterprise: The Saint Pauls, North Carolina experience.
Paquin, T.F.
Bellingham, Wash. : National Rural Project.
Rural special education quarterly v. 10 (4): p. 26-28; 1991.

Language: English

Descriptors: North Carolina; Schools; Small businesses; Rural communities; Educational programs; Restaurants

191 NAL Call No: 6 F2212
Schools help communities stay alive.
Braun, D.
Philadelphia : The Journal.
Farm journal v. 111 (11): p. 42-43. ill; 1987 Sep.

Language: English

Descriptors: North Carolina; Rural communities; Elementary schools; Parent-teacher associations

192 NAL Call No: LC5219.H6
Serving the rural adult inventory of model programs in rural adult postsecondary education. (Inventory of model programs in rural adult postsecondary education.)
Hone, Karen A.
Action Agenda for Rural Adult Postsecondary Education
Manhattan : Kan. : Kansas State University,.
v, 169 p. : ill. ; 28 cm. The Action Agenda for Rural Adult Postsecondary Education. October 1984. Includes indexes. Bibliography: p. 142.

Language: English

Descriptors: Adult education; United States; Model programs; Directories; Education, Rural; United States; Model programs; Directories

193 NAL Call No: LC5146.R47
Small schools and higher-order thinking skills.
Haller, E.J.; Monk, D.H.; Tien, L.T.
Orono, Me. : College of Education, University of Maine, 1991-.
Journal of research in rural education v. 9 (2): p. 66-73; 1993. Includes references.

Language: English

Descriptors: U.S.A.; Cabt; Public schools; Rural areas; Academic achievement; Students; Skills

194 NAL Call No: LB1028.3.E6
Some potentials and limitations of technology in serving rural postsecondary learners.
Emery, Mary
Manhattan, Kan.? : Kansas State University?, 1986?
[14] p. ; 28 cm. Cover title. "This paper was commissioned for the National Invitational Conference on Rural Adult Postsecondary Education in Airlie, Virginia, September 7-9, 1986. Bibliography: p. [13-14].

Language: English

Descriptors: Educational innovations; Education, Rural

195 NAL Call No: 30.98 AG8
South Carolina State College: a legacy of education and public service.
Hine, W.C.
Berkeley, Calif. : University of California Press.
Agricultural history v. 65 (2): p. 149-167; 1991. Paper presented at the "1890 Land-Grant Centennial Symposium," June 26-29, 1990, Florida Agricultural and Mechanical University, Tallahassee, Florida. Includes references.

Language: English

Descriptors: South Carolina; Colleges; Agricultural education; Blacks; Funds; Higher education; Legislation; Rural areas; Salaries; Vocational training

196 NAL Call No: HT401.S72
State-of-the-art report: exemplary rural education

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and economic development initiatives.
White, S.J.
Mississippi State, Miss. : The Center.
SRDC series - Southern Rural Development Center (76): p. 145-157; 1985 Feb.

Language: English

Descriptors: U.S.A.; Rural development; Education; Economic development; Employment; Retraining of farmers; Rural communities; Support systems; Leadership; Case studies

197 NAL Call No: LB1567.J68
Students with severe disabilities in general education classrooms: barriers in rural, poor settings.
Capper, C.A.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 5 (6): p. 13-18; 1992. Includes references.

Language: English

Descriptors: U.S.A.; Students; Handicapped persons; Public schools; Rural areas; Poverty; Social barriers; Personnel; Parent participation; Models; Location theory; Education

198 NAL Call No: LB1567.J68
A study of frequent superintendent turnover in a rural school district: the constituents' perspective.
Grady, M.L.
Bellingham, Wash. : National Rural Development Institute.
Journal of rural and small schools v. 4 (3): p. 10-13; 1991. Includes references.

Language: English

Descriptors: Nebraska; Supervisors; Public schools; Rural communities; Public authorities; Turnover; Perception; Opinions

199 NAL Call No: LC5146.R87
Teacher education in deafness in Appalachian Kentucky.
Andrews, J.F.; Jaussi, K.
Bellingham, Wash. : National Rural Project,.
Rural special education quarterly v. 12 (4): p. 8-21; 1993.

Language: English

Descriptors: Kentucky; Cabt; Deafness; Teacher training; Rural areas; Educational programs

200 NAL Call No: 100 OH3S
Teaching in a rural community.
McCracken, J.D.; Miller, C.
Wooster, Ohio : The Center.
Special circular - Ohio Agricultural Research and Development Center (138): p. 5-7; 1991 Apr. Includes references.

Language: English

Descriptors: Ohio; Rural communities; Secondary education; Teachers

201 NAL Call No: 251.8 R32
Testing bureaucratic influence on local school expenditures by comparing survey and expenditure data.
Wyckoff, P.G.
Amsterdam : Elsevier Science Publishers (North Holland).
The Review of economics and statistics v. 73 (2): p. 331-335; 1991 May. Includes references.

Language: English

Descriptors: Michigan; Schools; Public expenditure; Local authority areas; Regional surveys; Decision making; Rural areas; Elasticities; Mathematical models

202 NAL Call No: HT401.S72
Toward a more rational education-economic development connection in rural America: the collaborative model.
Gudenberg, K.A.
Mississippi State, Miss. : The Center.
SRDC series - Southern Rural Development Center (76): p. 129-143; 1985 Feb.

Language: English

Descriptors: U.S.A.; Rural development; Education; Economic development; Models; Unemployment; Underemployment; Employment opportunities; Retraining of farmers; Case studies

203 NAL Call No: LC5146.R47
Town tuitioning in Maine: parental choice of secondary schools in rural communities.
Maddaus, J.; Mirochnik, D.A.
Orono, Me. : College of Education, University of Maine.
Journal of research in rural education v. 8 (1): p. 27-40; 1992. Includes references.

Language: English

Descriptors: Maine; Vermont; High school students; Secondary education; Public schools;

Towns; Rural communities; Support measures; History; Patterns; Parent participation; Decision making

204 NAL Call No: LB1567.J68
Trading places: the rural teacher and university exchange project.
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